

AD-A067 677

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE NC F/G 4/2
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS). BARKING--ETC(U)
JUL 78

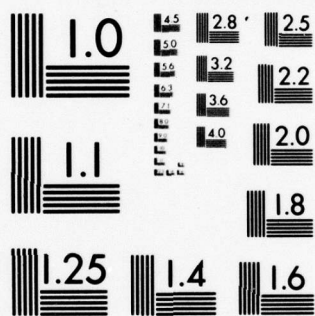
F/G 4/2
KING--ETC(U)

UNCLASSIFIED

NL

1 OF 4

AD
A0676 7



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

AD-706167

1
LEVEL

DDC
23 APR 1979
REGISTRAR
E

DISTRIBUTION STATEMENT A
Approved for public release;
Distribution Unlimited

| | | | | | | |
|------------------------|-------------------------------|----------|-----------|---------------------|-----------|------------|
| STATION NO. OR SUMMARY | STATION NAME | LATITUDE | LONGITUDE | STATION ELEV. (FT.) | CALL SIGN | WMO NUMBER |
| 22501 | Barking Sands, Kekaha, Hawaii | 22°02'N | 159°47'W | 12.5 | PHBK | 91162 |

STATION LOCATION AND INSTRUMENTATION HISTORY

| NUMBER OF BARO. LOCATION | GEOGRAPHICAL LOCATION & NAME | TYPE OF STATION | AT THIS LOCATION | | LATITUDE | LONGITUDE | ELEVATION ABOVE MSL | | OBS PER DAY |
|--|------------------------------|-----------------|------------------|------|----------|-----------|-----------------------------|----------------|-------------|
| | | | FROM | TO | | | FEET | TYPE BAROMETER | |
| 1. | GMD VAN | Navy | 1964 | 1967 | 22°02'N | 159°47'W | 16 | | |
| 2. | PMR weather unit building | " | 1967 | 1968 | " | " | 14.4 | Mercurial | |
| 3. | " " " " | " | 1968 | | " | " | 14.4 (2.66 above ground) | | |
| 1a. | PMR weather unit building | " | 1967 | 1968 | " | " | 16.37 | Aneroid | |
| 2a. | " " " " | " | 1968 | 1971 | " | " | 16.37 | " | |
| 3a. | " " " " | " | 1971 | | " | " | (5.08 above ground) | " | *12 |
| *Normal hours of operation 0700-1800 LST. Closed Saturdays, Sundays and Holidays. | | | | | | | | | |

| NUMBER OF LOCATION | DATE OF CHANGE | SURFACE WIND EQUIPMENT INFORMATION | | | | REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE |
|--------------------|----------------|------------------------------------|---------------------|------------------|-----------------|---|
| | | LOCATION | TYPE OF TRANSMITTER | TYPE OF RECORDER | HT ABOVE GROUND | |
| 1. | 1964 | GMD VAN | UMQ-5 | RD 108 | | 1. Barograph (G210) 2. Semi Auto Met. Station (GMQ-14A) 3. Ceiling light (ML-121) 4. Theodolite (ML-427) 5. Rawinsonde (GMD-1B/2) |
| 2. | 1978 | 6500 ft S PMR WS Bldg. | UMQ-5D | RD 108B | 14' | |

NWSD, Federal Building
Asheville, N. C.

70 04 10 002

SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

DIRNAVOCEANMET ltr 3146 Ser 1032 dated 26 August 1977 (NOTAL) established the following policy for SMOS production and updating:

1. Ten years of data will be used as the standard period of record (POR).
2. All available data will be used for extreme values.
3. Summarize (update) every five years.
 - a. Summarize the five year period (1973-1977) for all sections of the SMOS except extremes. The 5 year summary will be an intermediate SMOS to show secular trends. All available data through 1977 will be included for extreme values.
 - b. The update in 1983 will include the POR 1973 through 1982, with all available data through 1982 for extreme values.
 - c. The update in 1988 will be an intermediate SMOS (POR 1983-1987). All available data through 1987 will be included for extreme values.
 - d. In 1993 the POR will be 1983 through 1992. All available data through 1992 will be used for extreme values.

Each standard POR (10 years) summary should be retained by individual stations along with the SMOS prepared in 1973. The retention of these summaries will provide the most comprehensive climatological file for your station.

DESCRIPTION: Preceding each section is a brief description of the data comprising each part of the summary and the manner of presentation. Tabulations are prepared from 3-hourly and daily observations recorded by stations operated by the U.S. Navy and U.S. Marine Corps. 3-hourly observations are defined as these record or record-special observations recorded at scheduled 3-hourly intervals. Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations (prepared from record-special, local, summary of the day, remarks, etc.).

COMMENT: All observations summarized in this tabulation have been computer edited for consistency and reasonableness prior to, or during, the processing stage. Efforts to improve the quality of the data after summarization are expensive, i.e., the improvement might consist of the elimination of one suspect or erroneous value. The cost of preparing "perfect" copy can be prohibitive due to the handwork involved. Suspect cases will occur infrequently, but users should not disregard extreme values completely as some could be valid. Questionable values will most likely be single occurrences shown by a percentage frequency of ".0". (This value indicates a percent less than ".05," which, in most cases, reflects a single observation.) Since most stations summarized now have in excess of 10,000 3-hourly observations, the occurrence of an occasional spurious value should not in itself be considered significant. Every effort is made by this office to maintain a high degree of accuracy and reliability in these tables, and the Naval Weather Service Detachment (NWSD), Asheville, N. C. welcomes your comment and criticisms.

NWSD, Federal Building
Asheville, N. C.

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in three tables as follows:

1. By month and annual, all hours and years combined.
2. By month and annual, all hours and years combined, by wind direction.
3. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

NOTE: The total number of observations may vary among tables within the same month and period. Percentages may not always equal 100.0 due to rounding practices.

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than $5/8$ mile.

Percentage Frequency of Wind Direction vs. Weather Conditions - This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and years combined. The main body of the Summary consists of weather conditions (horizontally) and wind directions (vertically) to 16 compass points (plus calm). Column totals show the number of observations. "% Total" indicates percentage frequency of occurrences.

WEATHER CONDITIONS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

74-76
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JAN | 02 | | | | | | | | | | | | |
| | 05 | | | | | | | | | | | | |
| | 08 | | 3.1 | | | | 3.1 | | | | | | 65 |
| | 11 | 1.6 | 7.8 | | | | 7.8 | | | | | | 64 |
| | 14 | | 7.8 | | | | 7.8 | | | | | | 64 |
| | 17 | | 18.2 | | | | 18.2 | | | | | | 44 |
| | 20 | | | | | | | | | | | | |
| | 23 | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .4 | 9.2 | | | | 9.2 | | | | | | 237 |

NAVWEASERVCOM

5701 WEATHER CONDITIONS JAN 8

2

WEATHER CONDITIONS

22501 STATION BARKING SANDS, HAWAII STATION NAME 73-76 YEARS FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|----------------|----------------|---------------------|----------------------------|-------------------|------|-----------------------|-----|-------------------|--------------|------------------|------------------------------|-------------------|
| FEB | 02 | | | | | | | | | | | | |
| | 05 | | | | | | | | | | | | |
| | 08 | | 3.9 | | | | 3.9 | | | | | | 76 |
| | 11 | | 2.6 | | | | 2.6 | | | | | | 76 |
| | 14 | | 1.3 | | | | 1.3 | | | | | | 76 |
| | 17 | | | | | | | | | | | | 56 |
| | 20 | | | | | | | | | | | | |
| | 23 | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | | 2.0 | | | | 2.0 | | | | | | 284 |

5701 WEATHER CONDITIONS JAN 8

WEATHER CONDITIONS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| MAR | 02 | | | | | | | | | | | | |
| | 05 | | | | | | | | | | | | |
| | 08 | 1.6 | 6.3 | | | | 6.3 | | | | | | 64 |
| | 11 | | 4.7 | | | | 4.7 | | | | | | 64 |
| | 14 | | 3.1 | | | | 3.1 | | | | | | 64 |
| | 17 | | 12.5 | | | | 12.5 | | | | | | 64 |
| | 20 | | | | | | | | | | | | |
| | 23 | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .4 | 6.7 | | | | 6.7 | | | | | | 256 |

NAVWEASERVCOM

5701 WEATHER CONDITIONS JAN 8

2

WEATHER CONDITIONS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| APR | 02 | | | | | | | | | | | | |
| | 05 | | | | | | | | | | | | |
| | 08 | | 1.5 | | | | 1.5 | | | | | | 65 |
| | 11 | | 3.1 | | | | 3.1 | | | | | | 65 |
| | 14 | | 10.8 | | | | 10.8 | | | | | | 65 |
| | 17 | | 1.5 | | | | 1.5 | | | | | | 65 |
| | 20 | | | | | | | | | | | | |
| | 23 | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | | 4.2 | | | | 4.2 | | | | | | 260 |

5701 WEATHER CONDITIONS JAN 78

2

WEATHER CONDITIONS

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSMAY
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| MAY | 02 | | | | | | | | | | | | |
| | 05 | | | | | | | | | | | | |
| | 08 | | 3.1 | | | | 3.1 | | | | | | 65 |
| | 11 | | 4.6 | | | | 4.6 | | | | | | 65 |
| | 14 | | 9.2 | | | | 9.2 | | | | | | 65 |
| | 17 | | 6.3 | | | | 6.3 | | | | | | 64 |
| | 20 | | | | | | | | | | | | |
| | 23 | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | | 5.8 | | | | 5.8 | | | | | | 259 |

NAVWEASERVCOM

5701 WEATHER CONDITIONS JAN 8

2

14071 2076 54321

WEATHER CONDITIONS

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSJUN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JUN | 02 | | | | | | | | | | | | |
| | 05 | | | | | | | | | | | | |
| | 08 | | 1.6 | | | | 1.6 | | | | | | 62 |
| | 11 | | 8.1 | | | | 8.1 | | | | | | 62 |
| | 14 | | 4.8 | | | | 4.8 | | | | | | 62 |
| | 17 | | 1.6 | | | | 1.6 | | | | | | 61 |
| | 20 | | | | | | | | | | | | |
| | 23 | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | | 4.0 | | | | 4.0 | | | | | | 247 |

NAVWEASERVCOM

5701 WEATHER CONDITIONS JAN 58

WEATHER CONDITIONS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JUL | 02 | | | | | | | | | | | | |
| | 05 | | | | | | | | | | | | |
| | 08 | | | | | | | | | | | | 64 |
| | 11 | | | | | | | | | | | | 64 |
| | 14 | | 3.1 | | | | 3.1 | | | | | | 64 |
| | 17 | | | | | | | | | | | | 43 |
| | 20 | | | | | | | | | | | | |
| | 23 | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | | .8 | | | | .8 | | | | | | 235 |

NAVWEASERVCOM

5701 WEATHER CONDITIONS JAN 8

WEATHER CONDITIONS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| AUG | 02 | | | | | | | | | | | | |
| | 05 | | | | | | | | | | | | |
| | 08 | | | | | | | | | | | | 66 |
| | 11 | | 1.5 | | | | 1.5 | | | | | | 66 |
| | 14 | | 1.5 | | | | 1.5 | | | | | | 66 |
| | 17 | | 6.7 | | | | 6.7 | | | | | | 45 |
| | 20 | | | | | | | | | | | | |
| | 23 | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | | 2.4 | | | | 2.4 | | | | | | 243 |

NAVWEASERVCOM

570 WEATHER CONDITIONS JAN 78

2

WEATHER CONDITIONS

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSSEP
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| SEP | 02 | | | | | | | | | | | | |
| | 05 | | | | | | | | | | | | |
| | 08 | | 1.7 | | | | 1.7 | | | | | | 60 |
| | 11 | | | | | | | | | | | | 60 |
| | 14 | 1.7 | 8.3 | | | | 8.3 | | | | | | 60 |
| | 17 | | 7.9 | | | | 7.9 | | | | | | 38 |
| | 20 | | | | | | | | | | | | |
| | 23 | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .4 | 4.5 | | | | 4.5 | | | | | | 218 |

NAVWEASERVCOM

5701 WEATHER CONDITIONS JAN 8

1477 2006-54321

2

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 58

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| OCT | 02 | | | | | | | | | | | | |
| | 05 | | | | | | | | | | | | |
| | 08 | | 1.6 | | | | 1.6 | | | | | | 63 |
| | 11 | | 3.2 | | | | 3.2 | | | | | | 63 |
| | 14 | | 4.8 | | | | 4.8 | | | | | | 63 |
| | 17 | | 2.4 | | | | 2.4 | | | | | | 42 |
| | 20 | | | | | | | | | | | | |
| | 23 | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | | 3.0 | | | | 3.0 | | | | | | 231 |

NAVWEASERVCOM

WEATHER CONDITIONS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| NOV | 02 | | | | | | | | | | | | |
| | 05 | | | | | | | | | | | | |
| | 08 | | 8.6 | | | | 8.6 | | | | | | 58 |
| | 11 | | 8.6 | | | | 8.6 | | | | | | 58 |
| | 14 | | 13.8 | | | | 13.8 | | | | | | 58 |
| | 17 | | 12.8 | | | | 12.8 | | | | | | 39 |
| | 20 | | | | | | | | | | | | |
| | 23 | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | | 11.0 | | | | 11.0 | | | | | | 213 |

NAVWEASERVCOM

5701 WEATHER CONDITIONS JAN 8

WEATHER CONDITIONS

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSDEC
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| DEC | 02 | | | | | | | | | | | | |
| | 05 | | | | | | | | | | | | |
| | 08 | | 1.7 | | | | 1.7 | | | | | | 60 |
| | 11 | | 3.3 | | | | 3.3 | | | | | | 60 |
| | 14 | | 3.4 | | | | 3.4 | | | | | | 58 |
| | 17 | | 5.6 | | | | 5.6 | | | | | | 36 |
| | 20 | | | | | | | | | | | | |
| | 23 | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | | 3.5 | | | | 3.5 | | | | | | 214 |

2

WEATHER CONDITIONS

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-76
YEARSALL
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JAN | ALL | .4 | 9.2 | | | | 9.2 | | | | | | 237 |
| FEB | | | 2.0 | | | | 2.0 | | | | | | 284 |
| MAR | | .4 | 6.7 | | | | 6.7 | | | | | | 256 |
| APR | | | 4.2 | | | | 4.2 | | | | | | 260 |
| MAY | | | 5.8 | | | | 5.8 | | | | | | 259 |
| JUN | | | 4.0 | | | | 4.0 | | | | | | 247 |
| JUL | | | .8 | | | | .8 | | | | | | 235 |
| AUG | | | 2.4 | | | | 2.4 | | | | | | 243 |
| SEP | | .4 | 4.5 | | | | 4.5 | | | | | | 218 |
| OCT | | | 3.0 | | | | 3.0 | | | | | | 231 |
| NOV | | | 11.0 | | | | 11.0 | | | | | | 213 |
| DEC | | | 3.5 | | | | 3.5 | | | | | | 214 |
| TOTALS | | .1 | 4.8 | | | | 4.8 | | | | | | 2897 |

NAVWEASERVCOM

5701 WEATHER CONDITIONS JAN 8

WEATHER CONDITIONS ATMOSPHERIC PHENOMENA

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

69, 72
YEARS

ALL
MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER- STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN &/OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|--------|-------------------|--------------------|---------------------------|----------------------------------|-------------------------|------|-----------------------------|-----|-------------------------|-----------------|------------------------|------------------------------------|-------------------------|
| JAN | DAILY | | | | | | | | | | | | |
| FEB | | | | | | | | | | | | | |
| MAR | | 3.2 | 22.6 | | | | 22.6 | | | | | | 31 |
| APR | | | | | | | | | | | | | |
| MAY | | | | | | | | | | | | | |
| JUN | | | | | | | | | | | | | |
| JUL | | | | | | | | | | | | | |
| AUG | | | | | | | | | | | | | |
| SEP | | | | | | | | | | | | | |
| OCT | | | 32.3 | | | | 32.3 | | | | | | 31 |
| NOV | | | | | | | | | | | | | |
| DEC | | | | | | | | | | | | | |
| TOTALS | | 1.6 | 27.5 | | | | 27.5 | | | | | | 62 |

NAVWEASERVCOM

5701 WEATHER CONDITIONS JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

22501

BARKING SANDS, HAWAII

JAN 1973-FEB 1976

JANUARY

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET " SHOWERS ICE CRYSTALS | SNOW " GRAINS " PELLETS " SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|-------------------|------|-----------------|---------|---|---------------------------------------|--|-----------------------|---------|-----|--------------------------|---------------|-----------------|--------------------------------|---------------|
| N | | | | | | | | | | | | | | 100.0 |
| NNE | | | | | | | | | | | | | | 100.0 |
| NE | | | | | | | | | | | | | | 100.0 |
| ENE | | | | | | | | | | | | | | 100.0 |
| E | | 5.9 | | | | | | | | | | | | 94.1 |
| ESE | 14.3 | | | | | | | | | | | | | 85.7 |
| SE | 14.3 | 14.3 | | | | | | 4.8 | | | | | | 71.4 |
| SSE | | 11.1 | | | | | | | | | | | | 88.9 |
| S | | 5.6 | | | | | | | | | | | | 94.4 |
| SSW | 14.3 | | | | | | | | | | | | | 85.7 |
| SW | | 18.2 | | | | | | | | | | | | 81.8 |
| WSW | | | | | | | | | | | | | | 100.0 |
| W | | 13.0 | | | | | | | | | | | | 87.0 |
| WNW | | 5.9 | | | | | | | | | | | | 94.1 |
| NW | | 9.1 | | | | | | | | | | | | 90.9 |
| NNW | | | | | | | | | | | | | | 100.0 |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | 4.7 | | | | | | | | | | | | | 94.3 |
| TOTAL | 6 | 14 | | | | | | 1 | | | | | | 217 |
| % TOTAL | 2.5 | 5.9 | | | | | | .4 | | | | | | 91.6 |

TOTAL NUMBER OF OBSERVATIONS

237

NAVWEASERVCOM

5708 % FREQ. WIND DIR. WEATHER JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

JAN 1973-FEB 1976
YEARS

FEBRUARY
MONTH

ALL
HOURS (L.S.T.)

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET " SHOWERS ICE CRYSTALS | SNOW " GRAINS " PELLETS " SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|-------------------|------|-----------------|---------|---|---------------------------------------|--|-----------------------|---------|-----|--------------------------|---------------|-----------------|--------------------------------|---------------|
| N | | 6.7 | | | | | | | | | | | | 93.3 |
| NNE | | | | | | | | | | | | | | 100.0 |
| NE | | | | | | | | | | | | | | 100.0 |
| ENE | | | | | | | | | | | | | | 100.0 |
| E | | | | | | | | | | | | | | 100.0 |
| ESE | | | | | | | | | | | | | | 100.0 |
| SE | | | | | | | | | | | | | | 100.0 |
| SSE | 7.1 | 14.3 | | | | | | | | | | | | 78.6 |
| S | | | | | | | | | | | | | | 100.0 |
| SSW | | | | | | | | | | | | | | 100.0 |
| SW | | | | | | | | | | | | | | 100.0 |
| WSW | | | | | | | | | | | | | | 100.0 |
| W | | | | | | | | | | | | | | 100.0 |
| WNW | | | | | | | | | | | | | | 100.0 |
| NW | | | | | | | | | | | | | | 100.0 |
| NNW | | | | | | | | | | | | | | 100.0 |
| VARIABLE | | | | | | | | | | | | | | 100.0 |
| CALM | | | | | | | | | | | | | | 100.0 |
| TOTAL | 1 | 5 | | | | | | | | | | | | 278 |
| % TOTAL | .4 | 1.8 | | | | | | | | | | | | 97.9 |

TOTAL NUMBER OF OBSERVATIONS 284

NAVWEASERVCOM

5708 % FREQ. WIND DIR. WEATHER JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

22501

BARKING SANDS, HAWAII

JAN 1973-FEB 1976

MARCH

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET SHOWERS ICE CRYSTALS | SNOW GRAINS PELLETS SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|-------------------|------|-----------------|---------|---|-------------------------------------|--------------------------------------|-----------------------|---------|-----|--------------------------|---------------|-----------------|--------------------------------|---------------|
| N | | 20.0 | | | | | | | | | | | | 80.0 |
| NNE | | | | | | | | | | | | | | 100.0 |
| NE | | 40.0 | | | | | | | | | | | | 60.0 |
| ENE | | | | | | | | | | | | | | 100.0 |
| E | | | | | | | | | | | | | | 100.0 |
| ESE | | 14.3 | | | | | | | | | | | | 85.7 |
| SE | | 10.0 | | | | | | 10.0 | | | | | | 90.0 |
| SSE | | 16.7 | | | | | | | | | | | | 83.3 |
| S | | | | | | | | | | | | | | 100.0 |
| SSW | | 12.5 | | | | | | | | | | | | 87.5 |
| SW | | 11.1 | | | | | | | | | | | | 88.9 |
| WSW | | | | | | | | | | | | | | 100.0 |
| W | | | | | | | | | | | | | | 100.0 |
| WNW | | 2.8 | | | | | | | | | | | | 97.2 |
| NW | | | | | | | | | | | | | | 100.0 |
| NNW | | 4.3 | | | | | | | | | | | | 95.7 |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | | 0.1 | | | | | | | | | | | | 99.9 |
| TOTAL | | 17 | | | | | | 1 | | | | | | 239 |
| % TOTAL | | 6.6 | | | | | | .4 | | | | | | 93.6 |

TOTAL NUMBER OF OBSERVATIONS

256

NAVWEASERVCOM

5708 % FREQ. WIND DIR. WEATHER JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

22501

BARKING SANDS, HAWAII

JAN 1973-FEB 1976

APRIL

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET " SHOWERS ICE CRYSTALS | SNOW " GRAINS " PELLETS " SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|-------------------|------|-----------------|---------|---|---------------------------------------|--|-----------------------|---------|-----|--------------------------|---------------|-----------------|--------------------------------|---------------|
| N | | 13.6 | | | | | | | | | | | | 86.4 |
| NNE | | 7.7 | | | | | | | | | | | | 92.3 |
| NE | | 20.0 | | | | | | | | | | | | 80.0 |
| ENE | | 12.5 | | | | | | | | | | | | 87.5 |
| E | | | | | | | | | | | | | | 100.0 |
| ESE | | | | | | | | | | | | | | 100.0 |
| SE | | | | | | | | | | | | | | 100.0 |
| SSE | | | | | | | | | | | | | | 100.0 |
| S | | | | | | | | | | | | | | 100.0 |
| SSW | | | | | | | | | | | | | | 100.0 |
| SW | | | | | | | | | | | | | | 100.0 |
| WSW | | 12.5 | | | | | | | | | | | | 87.5 |
| W | | 2.6 | | | | | | | | | | | | 97.4 |
| WNW | | | | | | | | | | | | | | 100.0 |
| NW | | | | | | | | | | | | | | 100.0 |
| NNW | | 6.5 | | | | | | | | | | | | 93.5 |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | | 4.2 | | | | | | | | | | | | 95.7 |
| TOTAL | | 11 | | | | | | | | | | | | 249 |
| % TOTAL | | 4.2 | | | | | | | | | | | | 95.8 |

TOTAL NUMBER OF OBSERVATIONS 260

NAVWEASERVCOM

5708 % FREQ. WIND DIR. WEATHER JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

22501

BARKING SANDS, HAWAII

JAN 1973-FEB 1976

MAY

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET " SHOWERS ICE CRYSTALS | SNOW " GRAINS " PELLETS " SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|-------------------|------|-----------------|---------|---|---------------------------------------|--|-----------------------|---------|-----|--------------------------|---------------|-----------------|--------------------------------|---------------|
| N | | 5.3 | | | | | | | | | | | | 94.7 |
| NNE | | | | | | | | | | | | | | 100.0 |
| NE | | 28.6 | | | | | | | | | | | | 71.4 |
| ENE | | | | | | | | | | | | | | 100.0 |
| E | | 25.0 | | | | | | | | | | | | 75.0 |
| ESE | | | | | | | | | | | | | | 100.0 |
| SE | | 50.0 | | | | | | | | | | | | 50.0 |
| SSE | | 10.0 | | | | | | | | | | | | 90.0 |
| S | | | | | | | | | | | | | | 100.0 |
| SSW | | 14.3 | | | | | | | | | | | | 85.7 |
| SW | | | | | | | | | | | | | | 100.0 |
| WSW | | | | | | | | | | | | | | 100.0 |
| W | | 7.0 | | | | | | | | | | | | 93.0 |
| WNW | | | | | | | | | | | | | | 100.0 |
| NW | | 3.8 | | | | | | | | | | | | 96.2 |
| NNW | | 12.0 | | | | | | | | | | | | 88.0 |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | | | 100.0 |
| TOTAL | | 15 | | | | | | | | | | | | 244 |
| % TOTAL | | 5.8 | | | | | | | | | | | | 94.2 |

TOTAL NUMBER OF OBSERVATIONS

259

NAVWEASERVCOM

5708 % FREQ. WIND DIR. WEATHER JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

22501

BARKING SANDS, HAWAII

JAN 1973-FEB 1976

JUNE

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET SHOWERS ICE CRYSTALS | SNOW GRAINS PELLETS SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|-------------------|------|-----------------|---------|---|-------------------------------------|--------------------------------------|-----------------------|---------|-----|--------------------------|---------------|-----------------|--------------------------------|---------------|
| N | | 37.5 | | | | | | | | | | | | 62.5 |
| NNE | | 25.0 | | | | | | | | | | | | 75.0 |
| NE | | | | | | | | | | | | | | 100.0 |
| ENE | | 20.0 | | | | | | | | | | | | 80.0 |
| E | | | | | | | | | | | | | | 100.0 |
| ESE | | 25.0 | | | | | | | | | | | | 75.0 |
| SE | | | | | | | | | | | | | | 100.0 |
| SSE | | 22.2 | | | | | | | | | | | | 77.8 |
| S | | | | | | | | | | | | | | 100.0 |
| SSW | | | | | | | | | | | | | | 100.0 |
| SW | | | | | | | | | | | | | | 100.0 |
| WSW | | | | | | | | | | | | | | 100.0 |
| W | | | | | | | | | | | | | | 100.0 |
| WNW | | 2.3 | | | | | | | | | | | | 97.7 |
| NW | | | | | | | | | | | | | | 100.0 |
| NNW | | 3.6 | | | | | | | | | | | | 96.4 |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | | | 100.0 |
| TOTAL | | 10 | | | | | | | | | | | | 237 |
| % TOTAL | | 4.0 | | | | | | | | | | | | 96.0 |

TOTAL NUMBER OF OBSERVATIONS 247

NAVWEASERVCOM

5708 % FREQ. WIND DIR. WEATHER JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

22501

BARKING SANDS, HAWAII

JAN 1973-FEB 1976

JULY

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET " SHOWERS ICE CRYSTALS | SNOW " GRAINS " PELLETS " SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|-------------------|------|-----------------|---------|---|---------------------------------------|--|-----------------------|---------|-----|--------------------------|---------------|-----------------|--------------------------------|---------------|
| N | | | | | | | | | | | | | | 100.0 |
| NNE | | | | | | | | | | | | | | 100.0 |
| NE | | | | | | | | | | | | | | 100.0 |
| ENE | | | | | | | | | | | | | | 100.0 |
| E | | | | | | | | | | | | | | 100.0 |
| ESE | | 14.3 | | | | | | | | | | | | 85.7 |
| SE | | | | | | | | | | | | | | 100.0 |
| SSE | | | | | | | | | | | | | | 100.0 |
| S | | | | | | | | | | | | | | 100.0 |
| SSW | | | | | | | | | | | | | | 100.0 |
| SW | | | | | | | | | | | | | | 100.0 |
| WSW | | | | | | | | | | | | | | 100.0 |
| W | | | | | | | | | | | | | | 100.0 |
| WNW | | | | | | | | | | | | | | 100.0 |
| NW | | | | | | | | | | | | | | 100.0 |
| NNW | | | | | | | | | | | | | | 100.0 |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | | 2.3 | | | | | | | | | | | | 97.7 |
| TOTAL | | 2 | | | | | | | | | | | | 233 |
| % TOTAL | | .9 | | | | | | | | | | | | 99.1 |

TOTAL NUMBER OF OBSERVATIONS

235

NAVWEASERVCOM

5708 % FREQ. WIND DIR. WEATHER JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

22501

BARKING SANDS, HAWAII

JAN 1973-FEB 1976

AUGUST

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET SHOWERS ICE CRYSTALS | SNOW GRAINS PELLETS SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|-------------------|------|-----------------|---------|---|-------------------------------------|--------------------------------------|-----------------------|---------|-----|--------------------------|---------------|-----------------|--------------------------------|---------------|
| N | | | | | | | | | | | | | | 100.0 |
| NNE | | | | | | | | | | | | | | 100.0 |
| NE | | | | | | | | | | | | | | 100.0 |
| ENE | | | | | | | | | | | | | | 100.0 |
| E | | | | | | | | | | | | | | 100.0 |
| ESE | | | | | | | | | | | | | | 100.0 |
| SE | | | | | | | | | | | | | | 100.0 |
| SSE | | | | | | | | | | | | | | 100.0 |
| S | | 25.0 | | | | | | | | | | | | 75.0 |
| SSW | | | | | | | | | | | | | | 100.0 |
| SW | | | | | | | | | | | | | | 100.0 |
| WSW | | | | | | | | | | | | | | 100.0 |
| W | | 4.0 | | | | | | | | | | | | 96.0 |
| WNW | | 3.1 | | | | | | | | | | | | 96.9 |
| NW | | | | | | | | | | | | | | 100.0 |
| NNW | | 7.7 | | | | | | | | | | | | 92.3 |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | | | 100.0 |
| TOTAL | | 5 | | | | | | | | | | | | 238 |
| % TOTAL | | 2.1 | | | | | | | | | | | | 97.9 |

TOTAL NUMBER OF OBSERVATIONS 243

NAVWEASERVCOM

5708 % FREQ. WIND DIR. WEATHER JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

22501

BARKING SANDS, HAWAII

JAN 1973-FEB 1976

SEPTEMBER

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET " SHOWERS ICE CRYSTALS | SNOW " GRAINS " PELLETS " SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|-------------------|------|-----------------|---------|---|---------------------------------------|--|-----------------------|---------|-----|--------------------------|---------------|-----------------|--------------------------------|---------------|
| N | | 6.3 | | | | | | | | | | | | 93.8 |
| NNE | | | | | | | | | | | | | | 100.0 |
| NE | | | | | | | | | | | | | | 100.0 |
| ENE | | 7.1 | | | | | | | | | | | | 92.9 |
| E | | 13.3 | | | | | | | | | | | | 86.7 |
| ESE | | | | | | | | | | | | | | 100.0 |
| SE | | | | | | | | | | | | | | 100.0 |
| SSE | | | | | | | | | | | | | | 100.0 |
| S | | | | | | | | | | | | | | 100.0 |
| SSW | | | | | | | | 11.1 | | | | | | 88.9 |
| SW | | | | | | | | | | | | | | 100.0 |
| WSW | | 11.1 | | | | | | | | | | | | 88.9 |
| W | | | | | | | | | | | | | | 100.0 |
| WNW | | | | | | | | | | | | | | 100.0 |
| NW | | | | | | | | | | | | | | 100.0 |
| NNW | | 11.8 | | | | | | | | | | | | 88.2 |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | | 8.0 | | | | | | | | | | | | 92.0 |
| TOTAL | | 9 | | | | | | 1 | | | | | | 208 |
| % TOTAL | | 4.1 | | | | | | .5 | | | | | | 95.4 |

TOTAL NUMBER OF OBSERVATIONS 218

NAVWEASERVCOM

5708 % FREQ. WIND DIR. WEATHER JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

22501

STATION

BARKING SANDS, HAWAII

STATION NAME

JAN 1973-FEB 1976

YEARS

OCTOBER

MONTH

ALL

HOURS (L.S.T.)

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET " SHOWERS ICE CRYSTALS | SNOW " GRAINS " PELLETS " SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|-------------------|------|-----------------|---------|---|---------------------------------------|--|-----------------------|---------|-----|--------------------------|---------------|-----------------|--------------------------------|---------------|
| N | | | | | | | | | | | | | | 100.0 |
| NNE | | | | | | | | | | | | | | 100.0 |
| NE | | | | | | | | | | | | | | 100.0 |
| ENE | | 7.7 | | | | | | | | | | | | 92.3 |
| E | | | | | | | | | | | | | | 100.0 |
| ESE | | 12.5 | | | | | | | | | | | | 87.5 |
| SE | | 8.3 | | | | | | | | | | | | 91.7 |
| SSE | | | | | | | | | | | | | | 100.0 |
| S | | 13.3 | | | | | | | | | | | | 86.7 |
| SSW | | | | | | | | | | | | | | 100.0 |
| SW | | | | | | | | | | | | | | 100.0 |
| WSW | | | | | | | | | | | | | | 100.0 |
| W | | 2.7 | | | | | | | | | | | | 97.3 |
| WNW | | | | | | | | | | | | | | 100.0 |
| NW | | | | | | | | | | | | | | 100.0 |
| NNW | | | | | | | | | | | | | | 100.0 |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | | 6.7 | | | | | | | | | | | | 93.3 |
| TOTAL | | 7 | | | | | | | | | | | | 224 |
| % TOTAL | | 3.0 | | | | | | | | | | | | 97.0 |

TOTAL NUMBER OF OBSERVATIONS

231

NAVWEASERVCOM

5708 % FREQ. WIND DIR. WEATHER JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

22501

BARKING SANDS, HAWAII

JAN 1973-FEB 1976

NOVEMBER

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET " SHOWERS ICE CRYSTALS | SNOW " GRAINS " PELLETS " SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|-------------------|------|-----------------|---------|---|---------------------------------------|--|-----------------------|---------|-----|--------------------------|---------------|-----------------|--------------------------------|---------------|
| N | | 12.5 | | | | | | | | | | | | 87.5 |
| NNE | 8.3 | 8.3 | | | | | | | | | | | | 83.3 |
| NE | | | | | | | | | | | | | | 100.0 |
| ENE | 10.0 | 10.0 | | | | | | | | | | | | 80.0 |
| E | | 6.7 | | | | | | | | | | | | 93.3 |
| ESE | 12.5 | | | | | | | | | | | | | 87.5 |
| SE | | 28.6 | | | | | | | | | | | | 71.4 |
| SSE | 13.0 | 17.4 | | | | | | | | | | | | 69.6 |
| S | | 7.7 | | | | | | | | | | | | 92.3 |
| SSW | | 16.7 | | | | | | | | | | | | 83.3 |
| SW | | | | | | | | | | | | | | 100.0 |
| WSW | | | | | | | | | | | | | | 100.0 |
| W | | 4.2 | | | | | | | | | | | | 95.8 |
| WNW | | 9.1 | | | | | | | | | | | | 90.9 |
| NW | | | | | | | | | | | | | | 100.0 |
| NNW | | | | | | | | | | | | | | 100.0 |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | 11.0 | | | | | | | | | | | | | 88.2 |
| TOTAL | 8 | 15 | | | | | | | | | | | | 190 |
| % TOTAL | 3.8 | 7.0 | | | | | | | | | | | | 89.2 |

TOTAL NUMBER OF OBSERVATIONS

213

NAVWEASERVCOM

5708 % FREQ. WIND DIR. WEATHER JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

22501

BARKING SANDS, HAWAII

JAN 1973-FEB 1976

DECEMBER

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET " SHOWERS ICE CRYSTALS | SNOW " GRAINS " PELLETS " SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|-------------------|------|-----------------|---------|---|---------------------------------------|--|-----------------------|---------|-----|--------------------------|---------------|-----------------|--------------------------------|---------------|
| N | | 6.9 | | | | | | | | | | | | 93.1 |
| NNE | | | | | | | | | | | | | | 100.0 |
| NE | | | | | | | | | | | | | | 100.0 |
| ENE | | | | | | | | | | | | | | 100.0 |
| E | | | | | | | | | | | | | | 100.0 |
| ESE | | | | | | | | | | | | | | 100.0 |
| SE | | | | | | | | | | | | | | 100.0 |
| SSE | | | | | | | | | | | | | | 100.0 |
| S | | | | | | | | | | | | | | 100.0 |
| SSW | | 20.0 | | | | | | | | | | | | 80.0 |
| SW | | | | | | | | | | | | | | 100.0 |
| WSW | | | | | | | | | | | | | | 100.0 |
| W | | 7.1 | | | | | | | | | | | | 92.9 |
| WNW | | | | | | | | | | | | | | 100.0 |
| NW | | | | | | | | | | | | | | 100.0 |
| NNW | | 6.7 | | | | | | | | | | | | 93.3 |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | | 18.0 | | | | | | | | | | | | 98.0 |
| TOTAL | | 7 | | | | | | | | | | | | 207 |
| % TOTAL | | 3.3 | | | | | | | | | | | | 96.7 |

TOTAL NUMBER OF OBSERVATIONS

214

NAVWEASERVCOM

5708 % FREQ. WIND DIR. WEATHER JAN 68

2

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

22501

BARKING SANDS, HAWAII

JAN 1973-FEB 1976

ALL

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

| WIND DIRECTION | RAIN | RAIN SHOWERS | DRIZZLE | FREEZING RAIN FREEZING DRIZZLE | SLEET " SHOWERS ICE CRYSTALS | SNOW " GRAINS " PELLETS " SHOWERS | HAIL SMALL HAIL | THUNDER | FOG | ICE FOG GROUND FOG | SMOKE HAZE | BLOWING SNOW | BLOWING SAND AND DUST | NO WEATHER |
|-------------------|------|-----------------|---------|---|---------------------------------------|--|-----------------------|---------|-----|--------------------------|---------------|-----------------|--------------------------------|---------------|
| N | | 8.7 | | | | | | | | | | | | 91.3 |
| NNE | 1.2 | 3.7 | | | | | | | | | | | | 93.1 |
| NE | | 10.0 | | | | | | | | | | | | 90.0 |
| ENE | .9 | 4.7 | | | | | | | | | | | | 94.4 |
| E | | 3.8 | | | | | | | | | | | | 96.2 |
| ESE | 2.6 | 5.1 | | | | | | | | | | | | 92.3 |
| SE | 3.1 | 9.2 | | | | | | 2.0 | | | | | | 87.8 |
| SSE | 2.9 | 9.3 | | | | | | | | | | | | 87.9 |
| S | | 4.1 | | | | | | | | | | | | 93.9 |
| SSW | 1.4 | 5.5 | | | | | | 1.4 | | | | | | 91.8 |
| SW | | 2.6 | | | | | | | | | | | | 97.4 |
| WSW | | 1.6 | | | | | | | | | | | | 98.4 |
| W | | 3.0 | | | | | | | | | | | | 97.0 |
| WNW | | 1.5 | | | | | | | | | | | | 98.5 |
| NW | | .7 | | | | | | | | | | | | 99.3 |
| NNW | | 4.6 | | | | | | | | | | | | 93.4 |
| VARIABLE | | | | | | | | | | | | | | |
| CALM | 1.2 | 3.2 | | | | | | | | | | | | 95.6 |
| TOTAL | 15 | 117 | | | | | | 3 | | | | | | 2764 |
| % TOTAL | .5 | 4.0 | | | | | | .1 | | | | | | 93.4 |

TOTAL NUMBER OF OBSERVATIONS 2,897

NAVWEASERVCOM

5708 % FREQ. WIND DIR. WEATHER JAN 88

NWSD, Federal Building
Asheville, N. C.

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION
SNOWFALL*
SNOW DEPTH

DERIVED FROM DAILY OBSERVATIONS
DERIVED FROM DAILY OBSERVATIONS
DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.
2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

| | | |
|------------------------|--------------------------------------|------------------------|
| Air Force Stations | From beginning of record thru 1945 | Snow depth at 0800 LST |
| | Jan 46-May 57 | Snow depth at 1230 GCT |
| | Jun 57-present | Snow depth at 1200 GCT |
| U. S. Navy and Weather | From beginning of record thru Jun 52 | Snow depth at 0030 GCT |
| Bureau Stations | Jul 52-May 57 | Snow depth at 1230 GCT |
| | Jun 57-present | Snow depth at 1200 GCT |

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

22501 BARKING SANDS, HAWAII

68-76

STATION

STATION NAME

YEARS

| PRECIP. | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASUR- ABLE AMTS | TOTAL NO. OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|----------------|------------------|-------|---------|---------|---------|---------|---------|----------|-----------|-----------|------------|-------------|------------|---|----------------------------|-----------------------------|----------|-------|
| | NONE | TRACE | .01 | .02-.05 | .06-.10 | .11-.25 | .26-.50 | .51-1.00 | 1.01-2.50 | 2.51-5.00 | 5.01-10.00 | 10.01-20.00 | OVER 20.00 | | | MEAN | GREATEST | LEAST |
| SNOWFALL | NONE | TRACE | 0.1-0.4 | 0.5-1.4 | 1.5-2.4 | 2.5-3.4 | 3.5-4.4 | 4.5-6.4 | 6.5-10.4 | 10.5-15.4 | 15.5-25.4 | 25.5-50.4 | OVER 50.4 | | | | | |
| SNOW- DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | 53.5 | 6.0 | 5.5 | 9.2 | 6.0 | 5.1 | 6.5 | 2.8 | 4.1 | 1.4 | | | | 40.6 | 217 | 5.13 | 9.94 | .54 |
| FEB | 75.7 | 5.8 | 3.5 | 6.2 | 2.2 | 3.5 | 1.8 | .9 | .4 | | | | | 18.6 | 226 | .90 | 2.62 | .24 |
| MAR | 66.4 | 9.7 | 4.1 | 6.9 | 1.4 | 4.6 | 2.3 | 3.2 | 1.4 | | | | | 24.0 | 217 | 1.88 | 4.11 | .10 |
| APR | 71.0 | 8.1 | 4.8 | 4.3 | 2.9 | 5.2 | 1.4 | 1.4 | 1.0 | | | | | 21.0 | 210 | 1.17 | 3.44 | .01 |
| MAY | 74.7 | 8.8 | 7.4 | 3.7 | 1.4 | 3.2 | .5 | .5 | | | | | | 16.6 | 217 | .39 | 1.25 | .14 |
| JUN | 84.8 | 6.2 | 1.0 | 2.4 | .5 | 1.9 | 1.9 | 1.4 | | | | | | 9.0 | 210 | .63 | 1.86 | TRACE |
| JUL | 77.4 | 7.8 | 4.1 | 4.1 | 3.2 | 1.4 | .5 | .9 | .5 | | | | | 14.7 | 217 | .58 | 1.90 | .03 |
| AUG | 84.4 | 9.1 | 1.1 | 3.2 | | 1.1 | .5 | .5 | | | | | | 6.5 | 186 | .24 | .61 | .01 |
| SEP | 72.2 | 9.4 | 5.6 | 3.9 | 2.2 | 3.3 | 1.7 | 1.1 | .6 | | | | | 18.3 | 180 | 1.15 | 4.43 | .01 |
| OCT | 75.6 | 8.3 | 2.3 | 4.6 | 1.4 | 2.3 | 2.3 | 1.8 | 1.4 | | | | | 16.1 | 217 | 1.69 | 6.30 | .18 |
| NOV | 69.0 | 8.1 | 4.3 | 6.2 | 1.9 | 1.4 | 3.8 | 2.4 | 1.9 | 1.0 | | | | 22.9 | 210 | 2.94 | 8.89 | .11 |
| DEC | 67.3 | 6.9 | 4.4 | 4.0 | 3.6 | 6.5 | 2.0 | 2.8 | 2.0 | .4 | | | | 25.8 | 248 | 2.95 | 9.90 | .19 |
| ANNUAL | 72.7 | 7.8 | 4.0 | 4.9 | 2.2 | 3.3 | 2.1 | 1.6 | 1.1 | .2 | | | | 19.5 | 2555 | 19.65 | | |

NAVWEASERVCOM

5722 Daily Amounts Jan. 1969

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

22501

BARKING SANDS, HAWAII

68-76

STATION

STATION NAME

YEARS

| | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASUR- ABLE AMTS | TOTAL NO. OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|----------------|------------------|-------|---------|---------|---------|---------|---------|----------|-----------|-----------|------------|-------------|------------|---|----------------------------|-----------------------------|----------|-------|
| PRECIP. | NONE | TRACE | .01 | .02-.05 | .06-.10 | .11-.25 | .26-.50 | .51-1.00 | 1.01-2.50 | 2.51-5.00 | 5.01-10.00 | 10.01-20.00 | OVER 20.00 | | | MEAN | GREATEST | LEAST |
| SNOWFALL | NONE | TRACE | 0.1-0.4 | 0.5-1.4 | 1.5-2.4 | 2.5-3.4 | 3.5-4.4 | 4.5-6.4 | 6.5-10.4 | 10.5-15.4 | 15.5-25.4 | 25.5-50.4 | OVER 50.4 | | | | | |
| SNOW- DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | 100.0 | | | | | | | | | | | | | | 248 | .0 | .0 | .0 |
| FEB | 100.0 | | | | | | | | | | | | | | 226 | .0 | .0 | .0 |
| MAR | 100.0 | | | | | | | | | | | | | | 217 | .0 | .0 | .0 |
| APR | 100.0 | | | | | | | | | | | | | | 180 | .0 | .0 | .0 |
| MAY | 100.0 | | | | | | | | | | | | | | 217 | .0 | .0 | .0 |
| JUN | 100.0 | | | | | | | | | | | | | | 210 | .0 | .0 | .0 |
| JUL | 100.0 | | | | | | | | | | | | | | 217 | .0 | .0 | .0 |
| AUG | 100.0 | | | | | | | | | | | | | | 217 | .0 | .0 | .0 |
| SEP | 100.0 | | | | | | | | | | | | | | 180 | .0 | .0 | .0 |
| OCT | 100.0 | | | | | | | | | | | | | | 217 | .0 | .0 | .0 |
| NOV | 100.0 | | | | | | | | | | | | | | 210 | .0 | .0 | .0 |
| DEC | 100.0 | | | | | | | | | | | | | | 248 | .0 | .0 | .0 |
| ANNUAL | 100.0 | | | | | | | | | | | | | | 2587 | .0 | | |

NAVWEASERVCOM

5722 Daily Amounts Jan. 1969

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

22501

BARKING SANDS, HAWAII

68-76

STATION

STATION NAME

YEARS

| | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASUR- ABLE AMTS | TOTAL NO. OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|----------------|------------------|-------|---------|---------|---------|---------|---------|---------|----------|-----------|-----------|------------|-------------|---|----------------------------|-----------------------------|----------|-------|
| | PRECIP. | NONE | TRACE | .01 | .02-.05 | .06-.10 | .11-.25 | .26-.50 | .51-1.00 | 1.01-2.50 | 2.51-5.00 | 5.01-10.00 | 10.01-20.00 | OVER 20.00 | | MEAN | GREATEST | LEAST |
| SNOWFALL | NONE | TRACE | 0.1-0.4 | 0.5-1.4 | 1.5-2.4 | 2.5-3.4 | 3.5-4.4 | 4.5-6.4 | 6.5-10.4 | 10.5-15.4 | 15.5-25.4 | 25.5-50.4 | OVER 50.4 | | | | | |
| SNOW- DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | 100,0 | | | | | | | | | | | | | | 248 | | | |
| FEB | 100,0 | | | | | | | | | | | | | | 226 | | | |
| MAR | 100,0 | | | | | | | | | | | | | | 217 | | | |
| APR | 100,0 | | | | | | | | | | | | | | 180 | | | |
| MAY | 100,0 | | | | | | | | | | | | | | 217 | | | |
| JUN | 100,0 | | | | | | | | | | | | | | 210 | | | |
| JUL | 100,0 | | | | | | | | | | | | | | 217 | | | |
| AUG | 100,0 | | | | | | | | | | | | | | 217 | | | |
| SEP | 100,0 | | | | | | | | | | | | | | 180 | | | |
| OCT | 100,0 | | | | | | | | | | | | | | 217 | | | |
| NOV | 100,0 | | | | | | | | | | | | | | 210 | | | |
| DEC | 100,0 | | | | | | | | | | | | | | 248 | | | |
| ANNUAL | 100,0 | | | | | | | | | | | | | | 2587 | | | |

NAVWEASERVCOM

5722 Daily Amounts Jan. 1969

PRECIPITATION

(FROM DAILY OBSERVATIONS)

YEARS

| MONTH YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---------------|-------|------|------|------|------|-------|------|------|------|------|-------|-------|---------------|
| 68 | | | | | | | | | | | | 2.35 | |
| 69 | | .09 | .04 | .01 | .13 | .43 | .17 | .16 | .01 | .11 | 1.86 | .20 | |
| 70 | 1.57 | .34 | .13 | .04 | .54 | TRACE | .18 | .02 | 2.28 | .49 | .46 | .14 | 2.26 |
| 71 | 2.70 | .43 | 1.08 | .74 | .11 | .85 | .08 | .55 | .23 | .70 | .05 | 2.80 | 2.80 |
| 72 | 3.52 | .89 | 1.79 | 1.64 | .10 | .12 | 1.14 | | .91 | 1.93 | .67 | .43 | |
| 73 | .32 | .25 | .14 | .14 | .13 | .04 | .03 | .33 | .01 | .39 | 4.07 | 2.16 | 4.07 |
| 74 | 1.02 | .22 | .97 | .61 | .23 | .64 | .51 | .01 | | .93 | 1.52 | .18 | |
| 75 | 4.88 | .37 | .61 | .31 | .05 | TRACE | .05 | .03 | .18 | .15 | 1.29 | 1.26 | 4.88 |
| 76 | 1.01 | 1.46 | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| MEAN | 2.15 | .51 | .71 | .50 | .18 | .30 | .31 | .19 | .60 | .67 | 1.42 | 1.19 | 3.51 |
| S. D. | 1.628 | .452 | .644 | .575 | .166 | .345 | .401 | .217 | .886 | .626 | 1.329 | 1.106 | 1.184 |
| TOTAL OBS. | 217 | 226 | 217 | 210 | 217 | 210 | 217 | 186 | 180 | 217 | 210 | 248 | 2553 |

NAVWEASERVCOM

5723 Extreme Values Jan 1969

PRECIPITATION

(FROM DAILY OBSERVATIONS)

YEARS

[illegible]

NAVWEASERVCOM

5723 Extreme Values Jan 1969

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

YEARS

NAVWEASERVCOM

5723 Extreme Values Jan 1969

151

O

YEARS

5723 Extreme Values Jan 1969

NO 3

21

2

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

1969-1976
YEARS

JANUARY MONTH

| DAY | PRECIPITATION GREATEST | | | SNOWFALL GREATEST | | |
|---------|---------------------------|-----|-------|----------------------|----|------|
| | INCHES | MM | DATE | INCHES | MM | DATE |
| 1 | 0.61 | 15 | 1969 | | | |
| 2 | 0.37 | 9 | 1970 | | | |
| 3 | 0.03 | 1 | 1975 | | | |
| 4 | 0.32 | 8 | 1971 | | | |
| 5 | 0.82 | 21 | 1971 | | | |
| 6 | 1.21 | 31 | 1971 | | | |
| 7 | 0.03 | 1 | 1974 | | | |
| 8 | 0.62 | 16 | 1971 | | | |
| 9 | 1.73 | 44 | 1975 | | | |
| 10 | 0.15 | 4 | 1975 | | | |
| 11 | 1.27 | 32 | 1970 | | | |
| 12 | 0.46 | 12 | 1974 | | | |
| 13 | 1.57 | 40 | 1970 | | | |
| 14 | 0.09 | 2 | 1974 | | | |
| 15 | 1.03 | 26 | 1971 | | | |
| 16 | 0.25 | 6 | 1971 | | | |
| 17 | 0.56 | 14 | 1974 | | | |
| 18 | 0.03 | 1 | 1969 | | | |
| 19 | 0.08 | 2 | 1974 | | | |
| 20 | 0.08 | 2 | 1975 | | | |
| 21 | 0.02 | 1 | 1974* | | | |
| 22 | 0.16 | 4 | 1972 | | | |
| 23 | 3.52 | 89 | 1972 | | | |
| 24 | 0.11 | 3 | 1970 | | | |
| 25 | 0.21 | 5 | 1970 | | | |
| 26 | 0.39 | 10 | 1971 | | | |
| 27 | 2.70 | 69 | 1971 | | | |
| 28 | 0.29 | 7 | 1971 | | | |
| 29 | 0.55 | 14 | 1975 | | | |
| 30 | 1.51 | 38 | 1975 | | | |
| 31 | 4.88 | 124 | 1975 | | | |
| Monthly | 4.88 | 124 | 1975 | | | |

FEBRUARY MONTH

| DAY | PRECIPITATION GREATEST | | | SNOWFALL GREATEST | | |
|---------|---------------------------|----|-------|----------------------|----|------|
| | INCHES | MM | DATE | INCHES | MM | DATE |
| 1 | 0.37 | 9 | 1975 | | | |
| 2 | 0.22 | 6 | 1974 | | | |
| 3 | 0.11 | 3 | 1974 | | | |
| 4 | 0.18 | 5 | 1972 | | | |
| 5 | 0.91 | 23 | 1976 | | | |
| 6 | 1.46 | 37 | 1976 | | | |
| 7 | 0.05 | 1 | 1976 | | | |
| 8 | 0.20 | 5 | 1976 | | | |
| 9 | 0.34 | 9 | 1970 | | | |
| 10 | 0.04 | 1 | 1974 | | | |
| 11 | 0.06 | 2 | 1969 | | | |
| 12 | 0.07 | 2 | 1969 | | | |
| 13 | 0.15 | 4 | 1970 | | | |
| 14 | 0.03 | 1 | 1970 | | | |
| 15 | | | | | | |
| 16 | 0.01 | | 1972 | | | |
| 17 | 0.13 | 3 | 1970 | | | |
| 18 | 0.01 | | 1971* | | | |
| 19 | 0.43 | 11 | 1971 | | | |
| 20 | 0.25 | 6 | 1973 | | | |
| 21 | 0.02 | 1 | 1972 | | | |
| 22 | 0.89 | 23 | 1972 | | | |
| 23 | 0.05 | 1 | 1972 | | | |
| 24 | 0.46 | 12 | 1972 | | | |
| 25 | 0.07 | 2 | 1972 | | | |
| 26 | | | | | | |
| 27 | T | T | 1974 | | | |
| 28 | T | T | 1975 | | | |
| 29 | T | T | 1972 | | | |
| 30 | | | | | | |
| 31 | | | | | | |
| Monthly | 1.46 | 37 | 1976 | | | |

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

5724 DAILY AMOUNTS MAR 1978

2

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

22501

BARKING SANDS, HAWAII

1969-1976

STATION

STATION NAME

YEARS

DAILY EXTREME AMOUNTS

MARCH

MONTH

| DAY | PRECIPITATION GREATEST | | | SNOWFALL GREATEST | | |
|---------|---------------------------|----|--------|----------------------|----|------|
| | INCHES | MM | DATE | INCHES | MM | DATE |
| 1 | 0.12 | | 3 1972 | | | |
| 2 | 1.79 | 45 | 1972 | | | |
| 3 | 0.52 | 13 | 1974 | | | |
| 4 | 0.06 | 2 | 1972 | | | |
| 5 | 0.18 | 5 | 1974 | | | |
| 6 | 0.16 | 4 | 1972 | | | |
| 7 | 0.13 | 3 | 1972 | | | |
| 8 | | | | | | |
| 9 | T | T | 1971* | | | |
| 10 | 0.02 | 1 | 1973 | | | |
| 11 | 0.64 | 16 | 1974 | | | |
| 12 | 0.97 | 25 | 1974 | | | |
| 13 | 0.15 | 4 | 1975 | | | |
| 14 | 0.15 | 4 | 1972 | | | |
| 15 | 0.01 | | 1974* | | | |
| 16 | 0.04 | 1 | 1970 | | | |
| 17 | 0.40 | 10 | 1974 | | | |
| 18 | | | | | | |
| 19 | 1.08 | 27 | 1971 | | | |
| 20 | 0.68 | 17 | 1971 | | | |
| 21 | T | T | 1974 | | | |
| 22 | 0.47 | 12 | 1972 | | | |
| 23 | 0.02 | 1 | 1969 | | | |
| 24 | 1.06 | 27 | 1971 | | | |
| 25 | 0.72 | 18 | 1971 | | | |
| 26 | 0.09 | 2 | 1973 | | | |
| 27 | 0.81 | 21 | 1975 | | | |
| 28 | 0.57 | 14 | 1975 | | | |
| 29 | 0.01 | | 1974 | | | |
| 30 | 0.01 | | 1972* | | | |
| 31 | 0.04 | 1 | 1969 | | | |
| Monthly | 1.79 | 45 | 1972 | | | |

APRIL

MONTH

| DAY | PRECIPITATION GREATEST | | | SNOWFALL GREATEST | | |
|---------|---------------------------|----|--------|----------------------|----|------|
| | INCHES | MM | DATE | INCHES | MM | DATE |
| 1 | 0.06 | | 2 1971 | | | |
| 2 | 0.09 | 2 | 1971 | | | |
| 3 | 0.08 | 2 | 1973 | | | |
| 4 | 0.02 | 1 | 1971 | | | |
| 5 | 0.26 | 7 | 1971 | | | |
| 6 | 0.02 | 1 | 1972 | | | |
| 7 | 0.14 | 4 | 1973 | | | |
| 8 | T | T | 1975 | | | |
| 9 | 0.31 | 8 | 1975 | | | |
| 10 | | | | | | |
| 11 | 0.03 | 1 | 1974 | | | |
| 12 | T | T | 1973 | | | |
| 13 | 0.15 | 4 | 1972 | | | |
| 14 | 1.27 | 32 | 1972 | | | |
| 15 | 1.64 | 42 | 1972 | | | |
| 16 | 0.11 | 3 | 1971 | | | |
| 17 | 0.01 | | 1974 | | | |
| 18 | 0.21 | 5 | 1972 | | | |
| 19 | 0.25 | 6 | 1974 | | | |
| 20 | 0.74 | 19 | 1971 | | | |
| 21 | 0.12 | 3 | 1973 | | | |
| 22 | 0.08 | 2 | 1974 | | | |
| 23 | 0.54 | 14 | 1971 | | | |
| 24 | 0.26 | 7 | 1971 | | | |
| 25 | 0.11 | 3 | 1971 | | | |
| 26 | 0.04 | 1 | 1970 | | | |
| 27 | 0.01 | | 1970 | | | |
| 28 | T | T | 1975* | | | |
| 29 | 0.01 | | 1971 | | | |
| 30 | 0.22 | 6 | 1971 | | | |
| 31 | | | | | | |
| Monthly | 1.64 | 42 | 1972 | | | |

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

24 DAILY AMOUNTS MARCH 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

1969-1976
YEARS

MAY
MONTH

| DAY | PRECIPITATION GREATEST | | | SNOWFALL GREATEST | | |
|---------|---------------------------|----|--------|----------------------|----|------|
| | INCHES | MM | DATE | INCHES | MM | DATE |
| 1 | 0.06 | | 2 1971 | | | |
| 2 | 0.54 | 14 | 1970 | | | |
| 3 | 0.47 | 12 | 1970 | | | |
| 4 | 0.18 | 5 | 1970 | | | |
| 5 | 0.01 | | 1970 | | | |
| 6 | | | | | | |
| 7 | 0.13 | 3 | 1973 | | | |
| 8 | 0.01 | | 1973 | | | |
| 9 | T | T | 1973 | | | |
| 10 | 0.13 | 3 | 1973 | | | |
| 11 | 0.11 | 3 | 1969 | | | |
| 12 | 0.13 | 3 | 1969 | | | |
| 13 | 0.01 | | 1974* | | | |
| 14 | 0.04 | 1 | 1975 | | | |
| 15 | T | T | 1974 | | | |
| 16 | 0.01 | | 1975 | | | |
| 17 | 0.23 | 6 | 1974 | | | |
| 18 | 0.01 | | 1974 | | | |
| 19 | 0.11 | 3 | 1971 | | | |
| 20 | | | | | | |
| 21 | 0.01 | | 1975* | | | |
| 22 | 0.03 | 1 | 1975 | | | |
| 23 | | | | | | |
| 24 | T | T | 1969 | | | |
| 25 | 0.03 | 1 | 1970 | | | |
| 26 | | | | | | |
| 27 | 0.02 | 1 | 1973 | | | |
| 28 | 0.01 | | 1972 | | | |
| 29 | 0.03 | 1 | 1974 | | | |
| 30 | 0.08 | 2 | 1969 | | | |
| 31 | | | | | | |
| Monthly | 0.54 | 14 | 1970 | | | |

JUNE
MONTH

| DAY | PRECIPITATION GREATEST | | | SNOWFALL GREATEST | | |
|---------|---------------------------|----|-------|----------------------|----|------|
| | INCHES | MM | DATE | INCHES | MM | DATE |
| 1 | | | | | | |
| 2 | T | T | 1972 | | | |
| 3 | 0.12 | 3 | 1972 | | | |
| 4 | | | | | | |
| 5 | | | | | | |
| 6 | | | | | | |
| 7 | 0.02 | 1 | 1974 | | | |
| 8 | 0.08 | 2 | 1972 | | | |
| 9 | T | T | 1972 | | | |
| 10 | 0.02 | 1 | 1974 | | | |
| 11 | T | T | 1975 | | | |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | T | T | 1973 | | | |
| 15 | 0.44 | 11 | 1971 | | | |
| 16 | 0.56 | 14 | 1971 | | | |
| 17 | 0.83 | 22 | 1971 | | | |
| 18 | 0.32 | 8 | 1974 | | | |
| 19 | 0.64 | 16 | 1974 | | | |
| 20 | | | | | | |
| 21 | 0.03 | 1 | 1972 | | | |
| 22 | 0.04 | 1 | 1972 | | | |
| 23 | 0.43 | 11 | 1969 | | | |
| 24 | 0.13 | 3 | 1969 | | | |
| 25 | T | T | 1974 | | | |
| 26 | T | T | 1970* | | | |
| 27 | | | | | | |
| 28 | 0.33 | 8 | 1974 | | | |
| 29 | 0.24 | 6 | 1974 | | | |
| 30 | | | | | | |
| 31 | | | | | | |
| Monthly | 0.83 | 22 | 1971 | | | |

* ALSO ON EARLIER YEARS
T - TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

5724 DAILY AMOUNT MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

22501 **BARKING SANDS, HAWAII**
STATION STATION NAME

1969-1976
YEARS

JULY
MONTH

| DAY | PRECIPITATION GREATEST | | | SNOWFALL GREATEST | | |
|---------|---------------------------|----|--------|----------------------|----|------|
| | INCHES | MM | DATE | INCHES | MM | DATE |
| 1 | 0.01 | | 1975 | | | |
| 2 | 0.02 | | 1 1972 | | | |
| 3 | T | | 1973 | | | |
| 4 | 0.02 | | 1 1969 | | | |
| 5 | T | | 1973 | | | |
| 6 | 0.01 | | 1974* | | | |
| 7 | 0.01 | | 1969 | | | |
| 8 | 0.09 | 2 | 1970 | | | |
| 9 | 0.02 | | 1 1971 | | | |
| 10 | 1.14 | 29 | 1972 | | | |
| 11 | 0.04 | | 1 1970 | | | |
| 12 | 0.08 | 2 | 1974 | | | |
| 13 | 0.51 | 13 | 1974 | | | |
| 14 | 0.05 | | 1 1972 | | | |
| 15 | 0.08 | 2 | 1972 | | | |
| 16 | 0.09 | 2 | 1974 | | | |
| 17 | | | | | | |
| 18 | T | | 1975* | | | |
| 19 | 0.17 | 4 | 1969 | | | |
| 20 | | | | | | |
| 21 | 0.42 | 11 | 1974 | | | |
| 22 | 0.15 | 4 | 1974 | | | |
| 23 | T | | 1969 | | | |
| 24 | 0.02 | | 1 1969 | | | |
| 25 | 0.18 | 5 | 1970 | | | |
| 26 | 0.51 | | 1970 | | | |
| 27 | 0.09 | 2 | 1974 | | | |
| 28 | 0.01 | | 1972 | | | |
| 29 | 0.51 | 13 | 1974 | | | |
| 30 | 0.06 | 2 | 1971 | | | |
| 31 | 0.01 | | 1972 | | | |
| Monthly | 1.14 | 29 | 1972 | | | |

AUGUST
MONTH

| DAY | PRECIPITATION GREATEST | | | SNOWFALL GREATEST | | |
|---------|---------------------------|----|--------|----------------------|----|------|
| | INCHES | MM | DATE | INCHES | MM | DATE |
| 1 | 0.02 | | 1 1970 | | | |
| 2 | T | | 1971* | | | |
| 3 | | | | | | |
| 4 | | | | | | |
| 5 | T | | 1971 | | | |
| 6 | 0.03 | | 1 1971 | | | |
| 7 | | | | | | |
| 8 | 0.18 | 5 | 1969 | | | |
| 9 | 0.15 | 4 | 1973 | | | |
| 10 | 0.53 | 14 | 1971 | | | |
| 11 | T | | 1969 | | | |
| 12 | T | | 1970 | | | |
| 13 | | | | | | |
| 14 | T | | 1975 | | | |
| 15 | | | | | | |
| 16 | T | | 1973 | | | |
| 17 | T | | 1970 | | | |
| 18 | | | | | | |
| 19 | T | | 1969 | | | |
| 20 | 0.03 | | 1 1971 | | | |
| 21 | 0.03 | | 1 1975 | | | |
| 22 | 0.33 | 8 | 1973 | | | |
| 23 | 0.01 | | 1975 | | | |
| 24 | | | | | | |
| 25 | | | | | | |
| 26 | T | | 1969 | | | |
| 27 | T | | 1969 | | | |
| 28 | | | | | | |
| 29 | | | | | | |
| 30 | 0.97 | 25 | 1972 | | | |
| 31 | T | | 1972* | | | |
| Monthly | 0.97 | 25 | 1972 | | | |

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

5724 DAILY AMOUNTS MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

1969-1976
YEARS

SEPTEMBER MONTH

| DAY | PRECIPITATION GREATEST | | | SNOWFALL GREATEST | | |
|---------|---------------------------|----|--------|----------------------|----|------|
| | INCHES | MM | DATE | INCHES | MM | DATE |
| 1 | 0.28 | | 7 1970 | | | |
| 2 | 0.01 | | 1972 | | | |
| 3 | 0.01 | | 1972* | | | |
| 4 | 0.22 | 6 | 1972 | | | |
| 5 | 0.23 | 6 | 1971 | | | |
| 6 | 0.01 | | 1974 | | | |
| 7 | T | T | 1972 | | | |
| 8 | 0.05 | 1 | 1972 | | | |
| 9 | | | | | | |
| 10 | 0.11 | 3 | 1971 | | | |
| 11 | 0.28 | 7 | 1970 | | | |
| 12 | 2.28 | 58 | 1970 | | | |
| 13 | 0.17 | 4 | 1971 | | | |
| 14 | T | T | 1973 | | | |
| 15 | 0.91 | 23 | 1972 | | | |
| 16 | 0.06 | 2 | 1972 | | | |
| 17 | 0.19 | 5 | 1971 | | | |
| 18 | T | T | 1970 | | | |
| 19 | 0.02 | 1 | 1972 | | | |
| 20 | 0.10 | 3 | 1970 | | | |
| 21 | 0.08 | 2 | 1975 | | | |
| 22 | 0.01 | | 1972 | | | |
| 23 | 0.01 | | 1971 | | | |
| 24 | 0.03 | 1 | 1971 | | | |
| 25 | 0.01 | | 1973 | | | |
| 26 | 0.97 | 25 | 1970 | | | |
| 27 | | | | | | |
| 28 | 0.04 | 1 | 1971 | | | |
| 29 | 0.06 | 2 | 1970 | | | |
| 30 | 0.41 | 10 | 1970 | | | |
| 31 | | | | | | |
| Monthly | 2.28 | 58 | 1970 | | | |

OCTOBER MONTH

| DAY | PRECIPITATION GREATEST | | | SNOWFALL GREATEST | | |
|---------|---------------------------|----|-------|----------------------|----|------|
| | INCHES | MM | DATE | INCHES | MM | DATE |
| 1 | 0.07 | 2 | 1970 | | | |
| 2 | 0.15 | 4 | 1970 | | | |
| 3 | 0.93 | 24 | 1974 | | | |
| 4 | 0.36 | 9 | 1974 | | | |
| 5 | 0.58 | 15 | 1974 | | | |
| 6 | T | T | 1972 | | | |
| 7 | 0.03 | 1 | 1975 | | | |
| 8 | | | | | | |
| 9 | T | T | 1974 | | | |
| 10 | 0.04 | 1 | 1969 | | | |
| 11 | 1.93 | 49 | 1972 | | | |
| 12 | 1.84 | 47 | 1972 | | | |
| 13 | 0.05 | 1 | 1971 | | | |
| 14 | 0.03 | 1 | 1974 | | | |
| 15 | T | T | 1974* | | | |
| 16 | | | | | | |
| 17 | 0.20 | 5 | 1971 | | | |
| 18 | 0.10 | 3 | 1972 | | | |
| 19 | 0.46 | 12 | 1970 | | | |
| 20 | T | T | 1969 | | | |
| 21 | 0.15 | 4 | 1975 | | | |
| 22 | T | T | 1970* | | | |
| 23 | | | | | | |
| 24 | 0.01 | | 1970 | | | |
| 25 | 0.10 | 3 | 1971 | | | |
| 26 | 0.11 | 3 | 1969 | | | |
| 27 | 0.01 | | 1969 | | | |
| 28 | 0.88 | 22 | 1972 | | | |
| 29 | 1.32 | 34 | 1972 | | | |
| 30 | 0.43 | 11 | 1971 | | | |
| 31 | 0.39 | 10 | 1975 | | | |
| Monthly | 1.93 | 49 | 1972 | | | |

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

5724 DAILY AMOUNTS MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

22501 BARKING SANDS, HAWAII
STATION STATION NAME

1969-1976
YEARS

NOVEMBER MONTH

| DAY | PRECIPITATION GREATEST | | | SNOWFALL GREATEST | | |
|---------|---------------------------|-----|------|----------------------|----|------|
| | INCHES | MM | DATE | INCHES | MM | DATE |
| 1 | | | | | | |
| 2 | 0.80 | 20 | 1973 | | | |
| 3 | | | | | | |
| 4 | 0.05 | 1 | 1971 | | | |
| 5 | T | T | 1971 | | | |
| 6 | 0.05 | 1 | 1972 | | | |
| 7 | 0.01 | | 1974 | | | |
| 8 | T | T | 1972 | | | |
| 9 | 0.02 | 1 | 1969 | | | |
| 10 | 0.06 | 2 | 1974 | | | |
| 11 | 0.68 | 17 | 1969 | | | |
| 12 | 1.86 | 47 | 1969 | | | |
| 13 | | | | | | |
| 14 | 0.84 | 21 | 1969 | | | |
| 15 | 0.15 | 4 | 1974 | | | |
| 16 | 0.11 | 3 | 1974 | | | |
| 17 | 1.52 | 39 | 1974 | | | |
| 18 | 1.25 | 32 | 1974 | | | |
| 19 | 4.07 | 103 | 1973 | | | |
| 20 | 2.70 | 69 | 1973 | | | |
| 21 | 0.27 | 7 | 1974 | | | |
| 22 | 0.26 | 7 | 1974 | | | |
| 23 | 0.32 | 8 | 1974 | | | |
| 24 | 1.29 | 33 | 1973 | | | |
| 25 | 0.67 | 17 | 1972 | | | |
| 26 | 0.33 | 8 | 1973 | | | |
| 27 | 0.02 | 1 | 1973 | | | |
| 28 | 0.04 | 1 | 1973 | | | |
| 29 | 0.16 | 4 | 1972 | | | |
| 30 | 0.89 | 23 | 1973 | | | |
| 31 | | | | | | |
| Monthly | 4.07 | 103 | 1973 | | | |

DECEMBER MONTH

| DAY | PRECIPITATION GREATEST | | | SNOWFALL GREATEST | | |
|---------|---------------------------|----|------|----------------------|----|------|
| | INCHES | MM | DATE | INCHES | MM | DATE |
| 1 | 2.16 | 55 | 1973 | | | |
| 2 | 0.26 | 7 | 1972 | | | |
| 3 | 0.14 | 4 | 1973 | | | |
| 4 | T | T | 1970 | | | |
| 5 | 0.16 | 4 | 1973 | | | |
| 6 | 0.01 | | 1971 | | | |
| 7 | 0.17 | 4 | 1971 | | | |
| 8 | 2.35 | 60 | 1968 | | | |
| 9 | 0.02 | 1 | 1973 | | | |
| 10 | 0.09 | 2 | 1973 | | | |
| 11 | 0.08 | 2 | 1969 | | | |
| 12 | 0.11 | 3 | 1968 | | | |
| 13 | 1.26 | 32 | 1973 | | | |
| 14 | 0.38 | 10 | 1973 | | | |
| 15 | 0.12 | 3 | 1971 | | | |
| 16 | 2.04 | 52 | 1968 | | | |
| 17 | 0.66 | 17 | 1968 | | | |
| 18 | 2.80 | 71 | 1971 | | | |
| 19 | 0.99 | 25 | 1971 | | | |
| 20 | 0.18 | 5 | 1974 | | | |
| 21 | 0.18 | 5 | 1974 | | | |
| 22 | 0.18 | 5 | 1974 | | | |
| 23 | 0.09 | 2 | 1971 | | | |
| 24 | 2.32 | 59 | 1968 | | | |
| 25 | 0.81 | 21 | 1968 | | | |
| 26 | 0.06 | 2 | 1974 | | | |
| 27 | 0.20 | 5 | 1969 | | | |
| 28 | 0.02 | 1 | 1974 | | | |
| 29 | 0.08 | 2 | 1973 | | | |
| 30 | 0.63 | 16 | 1973 | | | |
| 31 | 0.29 | 7 | 1972 | | | |
| Monthly | 2.80 | 71 | 1971 | | | |

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

524 DAILY AMOUNTS MAR 1978

NWSD, Federal Building
Asheville, N. C.

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from 3-hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:

- (1) Annual - all hours combined
- (2) By month - all hours combined
- (3) By month - by standard 3-hour groups

- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

YEARS

[illegible]

NAVWEASERVCOM

5723 Extreme Values Jan 1969

SURFACE WINDS

YEARS

[illegible]

5723 Extreme Values Jan 1969

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

74-76
YEARS

JAN
MONTH

ALL WEATHER
CLASS

08
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | | | 1.5 | | | | | | | | 1.5 | 14.0 |
| NNE | | | | | 1.5 | | | | | | | 1.5 | 18.0 |
| NE | 1.5 | | | | | | | | | | | 1.5 | 2.0 |
| ENE | 15.4 | 3.1 | | | | | | | | | | 18.5 | 2.8 |
| E | 16.9 | 6.2 | | | | | | | | | | 23.1 | 2.9 |
| ESE | 3.1 | | | | 1.5 | 1.5 | | | | | | 6.2 | 12.3 |
| SE | 3.1 | 4.6 | 1.5 | 1.5 | | | | | | | | 10.8 | 3.7 |
| SSE | 3.1 | 4.6 | 1.5 | | | | | | | | | 9.2 | 4.8 |
| S | | 3.1 | | 1.5 | | | | | | | | 4.6 | 7.3 |
| SSW | | | | | | | | | | | | | |
| SW | | | | 1.5 | | | | | | | | 1.5 | 11.0 |
| WSW | | | | | | | | | | | | | |
| W | | | | 3.1 | | | | | | | | 3.1 | 12.0 |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | | 1.5 | 1.5 | | | | | | | | | 3.1 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.4 | |
| | 43.1 | 23.1 | 4.6 | 9.2 | 3.1 | 1.5 | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS

65

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

2
NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

74-76
YEARS

JAN
MONTH

ALL WEATHER
CLASS

11
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.6 | 3.1 | 1.6 | 3.1 | | | | | | | | 9.4 | 8.5 |
| NNE | | 1.6 | 3.1 | 1.6 | | | | | | | | 6.3 | 8.5 |
| NE | | | | | | | | | | | | | |
| ENE | | 1.6 | | | | | | | | | | 1.6 | 4.0 |
| E | | | | | | | | | | | | | |
| ESE | | 1.6 | | | | | | | | | | 1.6 | 6.0 |
| SE | 1.6 | 1.6 | | 4.7 | | | | | | | | 7.8 | 9.6 |
| SSE | | 4.7 | 4.7 | 1.6 | | | | | | | | 10.9 | 7.7 |
| S | 1.6 | 1.6 | 4.7 | 3.1 | | | | | | | | 10.9 | 8.1 |
| SSW | 3.1 | 1.6 | | 1.6 | | | | | | | | 6.3 | 5.5 |
| SW | | 3.1 | | | | | | | | | | 3.1 | 4.5 |
| WSW | 1.6 | 3.1 | | | | | | | | | | 4.7 | 4.3 |
| W | 3.1 | 4.7 | 3.1 | | | | | | | | | 10.9 | 5.9 |
| WNW | 4.7 | 4.7 | | | | | | | | | | 9.4 | 3.7 |
| NW | 3.1 | 3.1 | 1.6 | | | | | | | | | 7.8 | 4.0 |
| NNW | 1.6 | 6.3 | 1.6 | | | | | | | | | 9.4 | 5.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .0 | |
| | 21.9 | 42.2 | 20.3 | 15.6 | | | | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS

54

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

74-76
YEARS

JAN
MONTH

ALL WEATHER
CLASS

14
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | | 3.1 | 4.7 | 1.6 | | | | | | | 9.4 | 13.0 |
| NNE | | 1.6 | 1.6 | 3.1 | | | | | | | | 6.3 | 11.9 |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | | 1.6 | 1.6 | 4.7 | | | | | | | | 7.8 | 10.8 |
| SSE | | 1.6 | 3.1 | | | | | | | | | 4.7 | 7.7 |
| S | | | 4.7 | 3.1 | | | | | | | | 7.8 | 10.2 |
| SSW | | | 3.1 | | | | | | | | | 3.1 | 8.0 |
| SW | | 3.1 | 1.6 | 1.6 | | | | | | | | 6.3 | 8.0 |
| WSW | 1.6 | 1.6 | 1.6 | | | | | | | | | 4.7 | 5.7 |
| W | 4.7 | 3.1 | 3.1 | | 1.6 | | | | | | | 12.5 | 6.1 |
| WNW | 1.6 | 6.3 | 6.3 | | | | | | | | | 14.1 | 5.7 |
| NW | | 4.7 | 1.6 | | | | | | | | | 6.3 | 5.8 |
| NNW | 1.6 | 4.7 | 4.7 | 3.1 | | | | | | | | 14.1 | 7.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.1 | |
| | 9.4 | 28.1 | 35.9 | 20.3 | 3.1 | | | | | | | 100.0 | 7.9 |

TOTAL NUMBER OF OBSERVATIONS

64

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501

BARKING SANDS, HAWAII

74-75

JAN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER
CLASS

17

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.3 | 4.5 | 4.5 | 6.8 | 2.3 | | | | | | | 20.5 | 9.3 |
| NNE | | | | | 2.3 | | | | | | | 2.3 | 17.0 |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | 4.5 | | | | | | | | | | 4.5 | 5.0 |
| ESE | | | 4.5 | | | | | | | | | 4.5 | 8.0 |
| SE | | 2.3 | 6.8 | | | | | | | | | 9.1 | 8.0 |
| SSE | | | 4.5 | | | | | | | | | 4.5 | 8.5 |
| S | 2.3 | | 4.5 | | | | | | | | | 6.8 | 6.3 |
| SSW | | | 2.3 | | | | | | | | | 2.3 | 7.0 |
| SW | 2.3 | | 6.8 | | | | | | | | | 9.1 | 7.3 |
| WSW | | 2.3 | | | | | | | | | | 2.3 | 4.0 |
| W | 4.5 | 6.8 | 2.3 | | | | | | | | | 13.6 | 4.8 |
| WNW | 2.3 | 2.3 | | | | | | | | | | 4.5 | 4.5 |
| NW | 2.3 | 2.3 | | | | | | | | | | 4.5 | 3.0 |
| NNW | | 2.3 | 2.3 | | | | | | | | | 4.5 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.8 | |
| | 15.9 | 27.3 | 38.6 | 6.8 | 4.5 | | | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS

44

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

74-76
YEARS

JAN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .8 | 1.7 | 2.1 | 3.8 | .8 | | | | | | | 9.3 | 10.3 |
| NNE | | .8 | 1.3 | 1.3 | .8 | | | | | | | 4.2 | 11.4 |
| NE | .4 | | | | | | | | | | | .4 | 2.0 |
| ENE | 4.2 | 1.3 | | | | | | | | | | 5.5 | 2.9 |
| E | 4.6 | 2.5 | | | | | | | | | | 7.2 | 3.1 |
| ESE | .8 | .4 | .8 | | .4 | .4 | | | | | | 3.0 | 10.1 |
| SE | 1.3 | 2.5 | 2.1 | 3.0 | | | | | | | | 8.9 | 8.3 |
| SSE | .8 | 3.0 | 3.4 | .4 | | | | | | | | 7.6 | 6.8 |
| S | .8 | 1.3 | 3.4 | 2.1 | | | | | | | | 7.6 | 8.3 |
| SSW | .8 | .4 | 1.3 | .4 | | | | | | | | 3.0 | 6.4 |
| SW | .4 | 1.7 | 1.7 | .8 | | | | | | | | 4.6 | 7.4 |
| WSW | .8 | 1.7 | .4 | | | | | | | | | 3.0 | 4.9 |
| W | 3.0 | 3.4 | 2.1 | .8 | .4 | | | | | | | 9.7 | 6.2 |
| WNW | 2.1 | 3.4 | 1.7 | | | | | | | | | 7.2 | 4.8 |
| NW | 1.3 | 2.5 | .8 | | | | | | | | | 4.6 | 4.5 |
| NNW | .8 | 3.8 | 2.5 | .8 | | | | | | | | 8.0 | 6.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.3 | |
| | 23.2 | 30.4 | 23.6 | 13.5 | 2.5 | .4 | | | | | | 100.0 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS

237

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-76
YEARS

FEB
MONTH

ALL WEATHER
CLASS

08
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | 2.6 | 2.6 | 1.3 | | 1.3 | | | | | | 7.9 | 11.0 |
| NNE | 2.6 | 1.3 | | | | | | | | | | 3.9 | 2.7 |
| NE | 5.3 | | | | | | | | | | | 5.3 | 2.3 |
| ENE | 13.2 | 3.9 | | | | | | | | | | 17.1 | 2.8 |
| E | 23.7 | 2.6 | | | | | | | | | | 26.3 | 2.5 |
| ESE | 5.3 | | | | | | | | | | | 5.3 | 2.3 |
| SE | 3.9 | | | | | | | | | | | 3.9 | 2.0 |
| SSE | | 2.6 | 3.9 | | | | | | | | | 6.6 | 7.8 |
| S | | 1.3 | | | 1.3 | | | | | | | 2.6 | 10.5 |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | 1.3 | | | | | | | | | | | 1.3 | 3.0 |
| W | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | 1.3 | | 1.3 | | | | | | | | | 2.6 | 4.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.1 | |
| | 56.6 | 14.5 | 7.9 | 1.3 | 1.3 | 1.3 | | | | | | 100.0 | 3.4 |

TOTAL NUMBER OF OBSERVATIONS 76

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

2
NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-76
YEARS

FEB
MONTH

ALL WEATHER
CLASS

11
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | 1.3 | 1.3 | 5.3 | 1.3 | | | | | | | 9.2 | 13.4 |
| NNE | | | 1.3 | 3.9 | | | | | | | | 5.3 | 13.3 |
| NE | | | | | | | | | | | | | |
| ENE | 1.3 | | | | | | | | | | | 1.3 | 2.0 |
| E | | | | | | | | | | | | | |
| ESE | | 1.3 | | | 1.3 | | | | | | | 2.6 | 12.5 |
| SE | | | 2.6 | | | | | | | | | 2.6 | 8.5 |
| SSE | | 2.6 | 1.3 | 1.3 | | 1.3 | | | | | | 6.6 | 10.6 |
| S | | 1.3 | | 1.3 | | | | | | | | 2.6 | 8.0 |
| SSW | | | | | | | | | | | | | |
| SW | 2.6 | 3.9 | 2.6 | | | | | | | | | 9.2 | 5.4 |
| WSW | 2.6 | 6.6 | | | | | | | | | | 9.2 | 4.0 |
| W | 5.3 | 3.9 | | | | | | | | | | 9.2 | 3.3 |
| WNW | 2.6 | 13.2 | 2.6 | | | | | | | | | 18.4 | 4.6 |
| NW | 2.6 | 7.9 | 1.3 | | | | | | | | | 11.8 | 4.6 |
| NNW | 1.3 | 7.9 | | 1.3 | | | | | | | | 10.5 | 5.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.3 | |
| | 18.4 | 50.0 | 13.2 | 13.2 | 2.6 | 1.3 | | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 76

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-76
YEARS

FEB
MONTH

ALL WEATHER
CLASS

14
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | 1.3 | 6.6 | 5.3 | 7.9 | 1.3 | | | | | | 22.4 | 14.1 |
| NNE | 1.3 | | | 1.3 | | | | | | | | 2.6 | 7.5 |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | | 1.3 | 2.6 | 1.3 | | | | | | | | 5.3 | 9.3 |
| SSE | | | | 1.3 | | 1.3 | | | | | | 2.6 | 18.0 |
| S | | 1.3 | | 1.3 | | | | | | | | 2.6 | 9.0 |
| SSW | | 1.3 | 2.6 | | | | | | | | | 3.9 | 7.7 |
| SW | | 2.6 | 2.6 | | | | | | | | | 5.3 | 6.5 |
| WSW | | 5.3 | 2.6 | | | | | | | | | 7.9 | 5.8 |
| W | | 5.3 | 1.3 | | | | | | | | | 6.6 | 5.6 |
| WNW | 1.3 | 7.9 | 2.6 | | | | | | | | | 11.8 | 5.7 |
| NW | | 7.9 | 6.6 | | | | | | | | | 14.5 | 6.3 |
| NNW | | 3.9 | 7.9 | 1.3 | | | | | | | | 13.2 | 8.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.3 | |
| | 2.6 | 38.2 | 35.5 | 11.8 | 7.9 | 2.6 | | | | | | 100.0 | 8.7 |

TOTAL NUMBER OF OBSERVATIONS

76

DIRNAVOCEANMET SMOS

1170

5702 SURFACE WINDS JAN 78

1110

0300

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

FEB
MONTH

ALL WEATHER
CLASS

17
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | 3.6 | 1.8 | 14.3 | 7.1 | | | | | | | 26.8 | 14.1 |
| NNE | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | |
| ENE | 1.8 | | | | | | | | | | | 1.8 | 2.0 |
| E | | | | | | | | | | | | | |
| ESE | 3.6 | | | | | | | | | | | 3.6 | 2.5 |
| SE | | | | | | | | | | | | | |
| SSE | | 1.8 | 1.8 | | | | | | | | | 3.6 | 6.5 |
| S | | 1.8 | 3.6 | | | | | | | | | 5.4 | 6.7 |
| SSW | | 1.8 | 1.8 | | | | | | | | | 3.6 | 6.5 |
| SW | 1.8 | 5.4 | | | | | | | | | | 7.1 | 4.3 |
| WSW | | | | | | | | | | | | | |
| W | | 8.9 | 1.8 | | | | | | | | | 10.7 | 5.7 |
| WNW | 1.8 | 3.6 | | | | | | | | | | 5.4 | 4.3 |
| NW | 5.4 | 8.9 | | | | | | | | | | 14.3 | 3.9 |
| NNW | 1.8 | 5.4 | 7.1 | 3.6 | | | | | | | | 17.9 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .0 | |
| | 16.1 | 41.1 | 17.9 | 17.9 | 7.1 | | | | | | | 100.0 | 7.8 |

TOTAL NUMBER OF OBSERVATIONS 56

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-76
YEARS

FEB
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | 2.1 | 3.2 | 6.0 | 3.9 | .7 | | | | | | 15.8 | 13.6 |
| NNE | 1.1 | .4 | .4 | 1.4 | | | | | | | | 3.2 | 8.4 |
| NE | 1.4 | | | | | | | | | | | 1.4 | 2.3 |
| ENE | 4.2 | 1.1 | | | | | | | | | | 5.3 | 2.7 |
| E | 6.3 | .7 | | | | | | | | | | 7.0 | 2.5 |
| ESE | 2.1 | .4 | | | .4 | | | | | | | 2.8 | 4.9 |
| SE | 1.1 | .4 | 1.4 | .4 | | | | | | | | 3.2 | 6.7 |
| SSE | | 1.8 | 1.8 | .7 | | .7 | | | | | | 4.9 | 10.1 |
| S | | 1.4 | .7 | .7 | .4 | | | | | | | 3.2 | 8.3 |
| SSW | | .7 | 1.1 | | | | | | | | | 1.8 | 7.2 |
| SW | 1.1 | 2.8 | 1.4 | | | | | | | | | 5.3 | 5.4 |
| WSW | 1.1 | 3.2 | .7 | | | | | | | | | 4.9 | 4.7 |
| W | 1.4 | 4.2 | .7 | | | | | | | | | 6.3 | 4.7 |
| WNW | 1.4 | 6.3 | 1.4 | | | | | | | | | 9.2 | 5.0 |
| NW | 1.8 | 6.0 | 2.1 | | | | | | | | | 9.9 | 5.0 |
| NNW | 1.1 | 4.2 | 3.9 | 1.4 | | | | | | | | 10.6 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.3 | |
| | 23.9 | 35.6 | 18.7 | 10.6 | 4.6 | 1.4 | | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS

284

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501

BARKING SANDS, HAWAII

73-75

MAR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

08

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.1 | 1.6 | 1.6 | 1.6 | 1.6 | | | | | | | 9.4 | 8.3 |
| NNE | 6.3 | 1.6 | | | | | | | | | | 7.8 | 2.8 |
| NE | 4.7 | 1.6 | | | | | | | | | | 6.3 | 3.3 |
| ENE | 4.7 | 3.1 | | | | | | | | | | 7.8 | 3.2 |
| E | 9.4 | 3.1 | | | | | | | | | | 12.5 | 2.9 |
| ESE | 6.3 | | | | | | | | | | | 6.3 | 2.3 |
| SE | 7.8 | | 1.6 | | | | | | | | | 9.4 | 2.8 |
| SSE | 1.6 | 4.7 | | 1.6 | | | | | | | | 7.8 | 5.4 |
| S | | | | 1.6 | | | | | | | | 1.6 | 12.0 |
| SSW | | | 1.6 | | | | | | | | | 1.6 | 10.0 |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | 1.6 | | | | | | | | | | 1.6 | 5.0 |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 28.1 | |
| | 43.8 | 17.2 | 4.7 | 4.7 | 1.6 | | | | | | | 100.0 | 3.1 |

TOTAL NUMBER OF OBSERVATIONS

64

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 22501 STATION NAME BARKING SANDS, HAWAII YEARS 73-75 MONTH MAR
CLASS ALL WEATHER HOURS (L.S.T.) 11
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | 1.6 | 1.6 | 3.1 | | 1.6 | | | | | | 7.8 | 12.0 |
| NNE | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | 1.6 | | | | | | | | 1.6 | 14.0 |
| SE | | | | 1.6 | | | | | | | | 1.6 | 11.0 |
| SSE | 1.6 | | 1.6 | 1.6 | | | | | | | | 4.7 | 8.0 |
| S | | 1.6 | 1.6 | 7.8 | | | | | | | | 10.9 | 11.6 |
| SSW | 1.6 | | | | | | | | | | | 1.6 | 3.0 |
| SW | 3.1 | 1.6 | | 1.6 | | | | | | | | 6.3 | 5.3 |
| WSW | 3.1 | 6.3 | | | | | | | | | | 9.4 | 4.2 |
| W | | 10.9 | 4.7 | | | | | | | | | 15.6 | 5.8 |
| WNW | 3.1 | 10.9 | 3.1 | | | | | | | | | 17.2 | 5.0 |
| NW | | 3.1 | 4.7 | | | | | | | | | 7.8 | 6.8 |
| NNW | 1.6 | 7.8 | 3.1 | | | | | | | | | 12.5 | 5.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.1 | |
| | 14.1 | 43.8 | 20.3 | 17.2 | | 1.6 | | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 64

DIRNAVOCEANMET SMOS

5100

5702 SURFACE WINDS JAN 78

0001

0001

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

MAR
MONTH

ALL WEATHER
CLASS

14
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | 1.6 | 1.6 | 1.6 | | 1.6 | | | | | | 6.3 | 13.0 |
| NNE | 1.6 | | | | | | | | | | | 1.6 | 3.0 |
| NE | | | | | | | | | | | | | |
| ENE | 1.6 | | | | | | | | | | | 1.6 | 2.0 |
| E | | | 1.6 | | | | | | | | | 1.6 | 8.0 |
| ESE | | | | | | | | | | | | | |
| SE | | | | 1.6 | | | | | | | | 1.6 | 14.0 |
| SSE | | | 1.6 | 1.6 | | | | | | | | 3.1 | 10.0 |
| S | | | 3.1 | 3.1 | | | | | | | | 6.3 | 11.8 |
| SSW | | 1.6 | 1.6 | 3.1 | | | | | | | | 6.3 | 10.5 |
| SW | | | 1.6 | | | | | | | | | 1.6 | 9.0 |
| WSW | 1.6 | 3.1 | 3.1 | | | | | | | | | 7.8 | 5.6 |
| W | 1.6 | 3.1 | 7.8 | | | | | | | | | 12.5 | 6.5 |
| WNW | 1.6 | 10.9 | 7.8 | | | | | | | | | 20.3 | 5.8 |
| NW | | 7.8 | 6.3 | 1.6 | | | | | | | | 15.6 | 7.1 |
| NNW | 1.6 | 1.6 | 6.3 | 1.6 | | | | | | | | 10.9 | 6.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.1 | |
| | 9.4 | 29.7 | 42.2 | 14.1 | | 1.6 | | | | | | 100.0 | 7.4 |

TOTAL NUMBER OF OBSERVATIONS

64

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

MAR
MONTH

ALL WEATHER
CLASS

17
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 4.7 | 1.6 | 4.7 | 3.1 | | 1.6 | | | | | | 15.6 | 9.2 |
| NNE | | | | | | | | | | | | | |
| NE | 1.6 | | | | | | | | | | | 1.6 | 3.0 |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | 3.1 | | | | | | | | | | 3.1 | 4.0 |
| SE | | | | 3.1 | | | | | | | | 3.1 | 12.0 |
| SSE | | | | 3.1 | | | | | | | | 3.1 | 14.5 |
| S | | 1.6 | 1.6 | 1.6 | | | | | | | | 4.7 | 9.0 |
| SSW | | 1.6 | | 1.6 | | | | | | | | 3.1 | 9.5 |
| SW | 1.6 | 3.1 | | 1.6 | | | | | | | | 6.3 | 7.3 |
| WSW | 1.6 | 1.6 | | | | | | | | | | 3.1 | 3.0 |
| W | 4.7 | 12.5 | | | | | | | | | | 17.2 | 4.1 |
| WNW | 4.7 | 12.5 | 1.6 | | | | | | | | | 18.8 | 4.5 |
| NW | | 6.3 | 1.6 | | | | | | | | | 7.8 | 5.4 |
| NNW | 1.6 | 3.1 | 6.3 | 1.6 | | | | | | | | 12.5 | 7.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .0 | |
| | 20.3 | 46.9 | 15.6 | 15.6 | | 1.6 | | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS

64

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

MAR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR: | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.0 | 1.6 | 2.3 | 2.3 | .4 | 1.2 | | | | | | 9.8 | 10.2 |
| NNE | 2.0 | .4 | | | | | | | | | | 2.3 | 2.8 |
| NE | 1.6 | .4 | | | | | | | | | | 2.0 | 3.2 |
| ENE | 1.6 | .8 | | | | | | | | | | 2.3 | 3.0 |
| E | 2.3 | .8 | .4 | | | | | | | | | 3.5 | 3.4 |
| ESE | 1.6 | .8 | | .4 | | | | | | | | 2.7 | 4.4 |
| SE | 2.0 | | .4 | 1.6 | | | | | | | | 3.9 | 6.6 |
| SSE | .8 | 1.2 | .8 | 2.0 | | | | | | | | 4.7 | 8.3 |
| S | | .8 | 1.6 | 3.5 | | | | | | | | 5.9 | 11.1 |
| SSW | .4 | .8 | .8 | 1.2 | | | | | | | | 3.1 | 9.3 |
| SW | 1.2 | 1.2 | .4 | .8 | | | | | | | | 3.5 | 6.6 |
| WSW | 1.6 | 2.7 | .8 | | | | | | | | | 5.1 | 4.5 |
| W | 1.6 | 7.0 | 3.1 | | | | | | | | | 11.7 | 5.3 |
| WNW | 2.3 | 8.6 | 3.1 | | | | | | | | | 14.1 | 5.1 |
| NW | | 4.3 | 3.1 | .4 | | | | | | | | 7.8 | 6.6 |
| NNW | 1.2 | 3.1 | 3.9 | .8 | | | | | | | | 9.0 | 6.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.6 | |
| | 21.9 | 34.4 | 20.7 | 12.9 | .4 | 1.2 | | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS

256

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 22501 STATION NAME BARKING SANDS, HAWAII YEARS 73-75 MONTH APR
CLASS ALL WEATHER HOURS (L.S.T.) 08
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.5 | | | 1.5 | | | | | | | | 3.1 | 7.5 |
| NNE | 3.1 | 1.5 | 1.5 | | | | | | | | | 6.2 | 4.3 |
| NE | 1.5 | 3.1 | | | | | | | | | | 4.6 | 3.3 |
| ENE | 9.2 | 1.5 | | | | | | | | | | 10.8 | 2.6 |
| E | 13.8 | | | | | | | | | | | 13.8 | 1.9 |
| ESE | 9.2 | | | | | | | | | | | 9.2 | 1.8 |
| SE | 7.7 | | | | | | | | | | | 7.7 | 2.4 |
| SSE | 4.6 | | 3.1 | | | | | | | | | 7.7 | 4.4 |
| S | 1.5 | | | | | | | | | | | 1.5 | 2.0 |
| SSW | 1.5 | | | | | | | | | | | 1.5 | 1.0 |
| SW | 1.5 | | | | | | | | | | | 1.5 | 3.0 |
| WSW | | | 1.5 | | | | | | | | | 1.5 | 9.0 |
| W | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | 1.5 | | | | | | | | | | | 1.5 | 1.0 |
| NNW | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 29.2 | |
| | 56.9 | 6.2 | 6.2 | 1.5 | | | | | | | | 100.0 | 2.1 |

TOTAL NUMBER OF OBSERVATIONS 65

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501 STATION BARKING SANDS, HAWAII 73-75 YEARS APR MONTH 11 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | | 1.5 | 3.1 | 1.5 | 1.5 | | | | | | 7.7 | 14.8 |
| NNE | | | 1.5 | | 1.5 | | | | | | | 3.1 | 13.5 |
| NE | | 1.5 | | | | | | | | | | 1.5 | 4.0 |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | |
| SSE | | | 1.5 | | | | | | | | | 1.5 | 10.0 |
| S | | | 1.5 | 1.5 | | | | | | | | 3.1 | 11.9 |
| SSW | | | | | | | | | | | | | |
| SW | | | 1.5 | | | | | | | | | 1.5 | 7.0 |
| WSW | | 3.1 | 3.1 | | | | | | | | | 6.2 | 6.3 |
| W | 4.6 | 9.2 | 3.1 | | | | | | | | | 16.9 | 4.7 |
| WNW | 1.5 | 7.7 | 3.1 | 1.5 | | | | | | | | 13.8 | 6.3 |
| NW | 1.5 | 12.3 | 6.2 | | | | | | | | | 20.0 | 5.8 |
| NNW | | 9.2 | 12.3 | | | | | | | | | 21.5 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.1 | |
| | 7.7 | 43.1 | 35.4 | 6.2 | 3.1 | 1.5 | | | | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS 65

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

APR
MONTH

ALL WEATHER
CLASS

14
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.5 | 3.1 | 1.5 | 3.1 | 1.5 | 1.5 | | | | | | 12.3 | 12.3 |
| NNE | | 1.5 | | | 1.5 | | | | | | | 3.1 | 13.0 |
| NE | | 1.5 | | | | | | | | | | 1.5 | 6.0 |
| ENE | | | 1.5 | | | | | | | | | 1.5 | 9.0 |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | | | 1.5 | | | | | | | | | 1.5 | 10.0 |
| SSE | | | | | | | | | | | | | |
| S | | | 3.1 | 1.5 | | | | | | | | 4.6 | 10.3 |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | 1.5 | | | | | | | | | | 1.5 | 4.0 |
| W | | 12.3 | 6.2 | | | | | | | | | 18.5 | 6.1 |
| WNW | | 12.3 | 6.2 | | | | | | | | | 18.5 | 9.9 |
| NW | | 9.2 | 9.2 | | | | | | | | | 18.5 | 6.6 |
| NNW | | 9.2 | 3.1 | 4.6 | | | | | | | | 16.9 | 7.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.5 | |
| | 1.5 | 50.8 | 32.3 | 9.2 | 3.1 | 1.5 | | | | | | 100.0 | 7.5 |

TOTAL NUMBER OF OBSERVATIONS

65

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

APR
MONTH

ALL WEATHER
CLASS

17
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | | 6.2 | | 1.5 | 3.1 | | | | | | 10.8 | 14.1 |
| NNE | 3.1 | 3.1 | | 1.5 | | | | | | | | 7.7 | 5.4 |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | |
| SSE | | | | 1.5 | | | | | | | | 1.5 | 13.0 |
| S | | 6.2 | 4.6 | | | | | | | | | 10.8 | 6.4 |
| SSW | | 1.5 | | | | | | | | | | 1.5 | 6.0 |
| SW | | 1.5 | 1.5 | | | | | | | | | 3.1 | 6.5 |
| WSW | 3.1 | | | | | | | | | | | 3.1 | 2.5 |
| W | 6.2 | 12.3 | 6.2 | | | | | | | | | 24.6 | 5.0 |
| WNW | 3.1 | 7.7 | | | | | | | | | | 10.8 | 4.0 |
| NW | 3.1 | 7.7 | 4.6 | | | | | | | | | 15.4 | 5.6 |
| NNW | 1.5 | 4.6 | 3.1 | | | | | | | | | 9.2 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.5 | |
| | 20.0 | 44.6 | 26.2 | 3.1 | 1.5 | 3.1 | | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS

65

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501

BARKING SANDS, HAWAII

73-75

APR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .8 | .8 | 2.3 | 1.9 | 1.2 | 1.5 | | | | | | 8.5 | 13.0 |
| NNE | 1.5 | 1.5 | .8 | .4 | .8 | | | | | | | 5.0 | 7.5 |
| NE | .4 | 1.5 | | | | | | | | | | 1.9 | 4.0 |
| ENE | 2.3 | .4 | .4 | | | | | | | | | 3.1 | 3.4 |
| E | 3.5 | | | | | | | | | | | 3.5 | 1.9 |
| ESE | 2.3 | | | | | | | | | | | 2.3 | 1.8 |
| SE | 1.9 | | .4 | | | | | | | | | 2.3 | 3.7 |
| SSE | 1.2 | | 1.2 | .4 | | | | | | | | 2.7 | 6.4 |
| S | .4 | 1.5 | 2.3 | .8 | | | | | | | | 5.0 | 7.8 |
| SSW | .4 | .4 | | | | | | | | | | .8 | 3.5 |
| SW | .4 | .4 | .8 | | | | | | | | | 1.5 | 5.8 |
| WSW | .8 | 1.2 | 1.2 | | | | | | | | | 3.1 | 5.4 |
| W | 2.7 | 8.5 | 3.8 | | | | | | | | | 15.0 | 5.3 |
| WNW | 1.2 | 6.9 | 2.3 | .4 | | | | | | | | 10.8 | 5.6 |
| NW | 1.5 | 7.3 | 5.0 | | | | | | | | | 13.8 | 5.9 |
| NNW | .4 | 5.8 | 4.6 | 1.2 | | | | | | | | 11.9 | 6.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.8 | |
| | 21.5 | 36.2 | 25.0 | 5.0 | 1.9 | 1.5 | | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS

260

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

MAY
MONTH

ALL WEATHER
CLASS

08
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.5 | 1.5 | | | | | | | | | | 3.1 | 3.0 |
| NNE | 1.5 | 3.1 | | | | | | | | | | 4.6 | 4.3 |
| NE | 6.2 | 1.5 | | | | | | | | | | 7.7 | 2.8 |
| ENE | 7.7 | 1.5 | | | | | | | | | | 9.2 | 2.2 |
| E | 3.1 | | | | | | | | | | | 3.1 | 1.5 |
| ESE | 3.1 | 1.5 | | | | | | | | | | 4.6 | 3.0 |
| SE | 3.1 | | | | | | | | | | | 3.1 | 2.0 |
| SSE | 6.2 | 1.5 | 1.5 | | | | | | | | | 9.2 | 3.8 |
| S | 3.1 | | | | | | | | | | | 3.1 | 2.5 |
| SSW | | | | | | | | | | | | | |
| SW | 3.1 | | | | | | | | | | | 3.1 | 1.5 |
| WSW | 3.1 | | | | | | | | | | | 3.1 | 2.0 |
| W | | | | | | | | | | | | | |
| WNW | 4.6 | | | | | | | | | | | 4.6 | 2.0 |
| NW | 3.1 | | | | | | | | | | | 3.1 | 2.0 |
| NNW | 3.1 | | | | | | | | | | | 3.1 | 2.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 35.4 | |
| | 52.3 | 10.8 | 1.5 | | | | | | | | | 100.0 | 1.7 |

TOTAL NUMBER OF OBSERVATIONS

65

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

MAY
MONTH

ALL WEATHER
CLASS

11
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | 1.5 | 3.1 | | | | | | | | | 4.6 | 8.3 |
| NNE | 1.5 | | | | | | | | | | | 1.5 | 2.0 |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | 1.5 | | | | | | | | | | 1.5 | 5.0 |
| ESE | | | | | | | | | | | | | |
| SE | | | 1.5 | | | | | | | | | 1.5 | 9.0 |
| SSE | | | | | | | | | | | | | |
| S | | | 1.5 | | | | | | | | | 1.5 | 10.0 |
| SSW | | 1.5 | 3.1 | | | | | | | | | 4.6 | 6.3 |
| SW | | 1.5 | 1.5 | | | | | | | | | 3.1 | 6.5 |
| WSW | 3.1 | 7.7 | 1.5 | | | | | | | | | 12.3 | 4.8 |
| W | 1.5 | 18.5 | 4.6 | | | | | | | | | 24.6 | 5.8 |
| WNW | | 15.4 | 3.1 | | | | | | | | | 10.5 | 5.4 |
| NW | 3.1 | 4.6 | 4.6 | | | | | | | | | 12.3 | 5.8 |
| NNW | | 7.7 | 6.2 | | | | | | | | | 13.8 | 6.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .0 | |
| | 9.2 | 60.0 | 30.8 | | | | | | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS 65

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

MAY
MONTH

ALL WEATHER
CLASS

14
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.5 | 1.5 | 3.1 | 6.2 | | | | | | | | 12.3 | 9.9 |
| NNE | | | | | | | | | | | | | |
| NE | | 1.5 | | | | | | | | | | 1.5 | 4.0 |
| ENE | | | | | | | | | | | | | |
| E | | 1.5 | | | | | | | | | | 1.5 | 6.0 |
| ESE | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | |
| SSE | | 1.5 | | | | | | | | | | 1.5 | 5.0 |
| S | | 1.5 | | 1.5 | | | | | | | | 3.1 | 9.0 |
| SSW | | 1.5 | | | | | | | | | | 1.5 | 6.0 |
| SW | | 1.5 | 3.1 | | | | | | | | | 4.6 | 6.7 |
| WSW | | 4.6 | 3.1 | | | | | | | | | 7.7 | 6.0 |
| W | 1.5 | 15.4 | 4.6 | | | | | | | | | 21.5 | 5.8 |
| WNW | 1.5 | 13.8 | 4.6 | | | | | | | | | 20.0 | 5.3 |
| NW | 1.5 | 7.7 | 4.6 | | | | | | | | | 13.8 | 6.3 |
| NNW | | 1.5 | 7.7 | | | | | | | | | 9.2 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.5 | |
| | 6.2 | 53.8 | 30.8 | 7.7 | | | | | | | | 100.0 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS

65

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

MAY
MONTH

ALL WEATHER
CLASS

17
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | | 7.8 | 1.6 | | | | | | | | 9.4 | 10.0 |
| NNE | 1.6 | 1.6 | | 1.6 | | | | | | | | 4.7 | 6.0 |
| NE | 1.6 | | | | | | | | | | | 1.6 | 2.0 |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | | 1.6 | | | | | | | | | | 1.6 | 4.0 |
| SSE | | 4.7 | | | | | | | | | | 4.7 | 5.0 |
| S | | 3.1 | | 1.6 | | | | | | | | 4.7 | 6.7 |
| SSW | 3.1 | | 1.6 | | | | | | | | | 4.7 | 5.3 |
| SW | 1.6 | 3.1 | 3.1 | | | | | | | | | 7.8 | 5.4 |
| WSW | | 3.1 | 4.7 | | | | | | | | | 7.8 | 6.6 |
| W | 6.3 | 7.8 | 6.3 | | | | | | | | | 20.3 | 5.5 |
| WNW | 4.7 | 3.1 | 1.6 | | | | | | | | | 9.4 | 4.3 |
| NW | | 10.9 | | | | | | | | | | 10.9 | 5.3 |
| NNW | | 4.7 | 7.8 | | | | | | | | | 12.5 | 6.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .0 | |
| | 18.8 | 43.8 | 32.8 | 4.7 | | | | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS 64

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

MAY
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .8 | 1.2 | 3.5 | 1.9 | | | | | | | | 7.3 | 8.9 |
| NNE | 1.2 | 1.2 | | .4 | | | | | | | | 2.7 | 4.7 |
| NE | 1.9 | .8 | | | | | | | | | | 2.7 | 2.9 |
| ENE | 1.9 | .4 | | | | | | | | | | 2.3 | 2.2 |
| E | .8 | .8 | | | | | | | | | | 1.5 | 3.5 |
| ESE | .8 | .4 | | | | | | | | | | 1.2 | 3.0 |
| SE | .8 | .4 | .4 | | | | | | | | | 1.5 | 4.3 |
| SSE | 1.5 | 1.9 | .4 | | | | | | | | | 3.9 | 4.3 |
| S | .8 | 1.2 | .4 | .8 | | | | | | | | 3.1 | 6.6 |
| SSW | .8 | .8 | 1.2 | | | | | | | | | 2.7 | 5.9 |
| SW | 1.2 | 1.5 | 1.9 | | | | | | | | | 4.6 | 5.3 |
| WSW | 1.5 | 3.9 | 2.3 | | | | | | | | | 7.7 | 5.3 |
| W | 2.3 | 10.4 | 3.9 | | | | | | | | | 16.6 | 5.7 |
| WNW | 2.7 | 8.1 | 2.3 | | | | | | | | | 13.1 | 4.9 |
| NW | 1.9 | 5.8 | 2.3 | | | | | | | | | 10.0 | 5.5 |
| NNW | .8 | 3.5 | 5.4 | | | | | | | | | 9.7 | 6.2 |
| VARBL | | | | | | | | | | | | 9.3 | |
| CALM | | | | | | | | | | | | | |
| | 21.6 | 42.1 | 23.9 | 3.1 | | | | | | | | 100.0 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS 259

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

JUN
MONTH

ALL WEATHER
CLASS

08
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.2 | 1.6 | | | | | | | | | | 4.8 | 2.3 |
| NNE | 4.8 | | | | | | | | | | | 4.8 | 1.7 |
| NE | 8.1 | | | | | | | | | | | 8.1 | 1.8 |
| ENE | 4.8 | | | | | | | | | | | 4.8 | 1.7 |
| E | 3.2 | | | | | | | | | | | 3.2 | 1.5 |
| ESE | 3.2 | 3.2 | | | | | | | | | | 6.5 | 3.3 |
| SE | 4.8 | 3.2 | | | | | | | | | | 8.1 | 3.2 |
| SSE | 6.5 | 1.6 | | | | | | | | | | 8.1 | 2.2 |
| S | 1.6 | | | | | | | | | | | 1.6 | 3.0 |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | 3.2 | 1.6 | | | | | | | | | | 4.8 | 3.3 |
| W | 3.2 | | | | | | | | | | | 3.2 | 1.5 |
| WNW | 1.6 | | | | | | | | | | | 1.6 | 1.0 |
| NW | 3.2 | | | | | | | | | | | 3.2 | 2.5 |
| NNW | 6.5 | | | | | | | | | | | 6.5 | 2.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 30.6 | |
| | 58.1 | 11.3 | | | | | | | | | | 100.0 | 1.6 |

TOTAL NUMBER OF OBSERVATIONS

62

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

JUN
MONTH

ALL WEATHER
CLASS

11
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | 3.2 | | | | | | | | | | 3.2 | 5.0 |
| NNE | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | |
| ENE | | | 1.6 | | | | | | | | | 1.6 | 8.0 |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | |
| SSE | | 3.2 | | | | | | | | | | 3.2 | 5.0 |
| S | | 1.6 | 1.6 | | | | | | | | | 3.2 | 7.0 |
| SSW | | | 1.6 | | | | | | | | | 1.6 | 7.0 |
| SW | | | 1.6 | | | | | | | | | 1.6 | 7.0 |
| WSW | | 6.5 | 6.5 | | | | | | | | | 12.9 | 6.3 |
| W | 1.6 | 22.6 | 9.7 | | | | | | | | | 33.9 | 5.9 |
| WNW | 3.2 | 11.3 | 6.5 | | | | | | | | | 21.0 | 5.2 |
| NW | | 3.2 | 3.2 | | | | | | | | | 6.5 | 6.3 |
| NNW | 1.6 | 8.1 | 1.6 | | | | | | | | | 11.3 | 4.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .0 | |
| | 6.5 | 59.7 | 33.9 | | | | | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS

62

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

JUN
MONTH

ALL WEATHER
CLASS

14
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.6 | 1.6 | | | | | | | | | | 3.2 | 3.5 |
| NNE | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | |
| ENE | 1.6 | | | | | | | | | | | 1.6 | 3.0 |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | |
| SSE | | | 1.6 | | | | | | | | | 1.6 | 8.0 |
| S | | | 1.6 | | | | | | | | | 1.6 | 10.0 |
| SSW | | | | | | | | | | | | | |
| SW | | 1.6 | 1.6 | | | | | | | | | 3.2 | 6.0 |
| WSW | 1.6 | 1.6 | 11.3 | | | | | | | | | 14.5 | 7.1 |
| W | 1.6 | 6.5 | 9.7 | | | | | | | | | 17.7 | 6.6 |
| WNW | 3.2 | 12.9 | 12.9 | 1.6 | | | | | | | | 30.6 | 6.4 |
| NW | 1.6 | 12.9 | 1.6 | | | | | | | | | 16.1 | 5.5 |
| NNW | 4.8 | 3.2 | 1.6 | | | | | | | | | 9.7 | 4.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .0 | |
| | 16.1 | 40.3 | 41.9 | 1.6 | | | | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS 62

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

JUN
MONTH

ALL WEATHER
CLASS

17
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | 1.6 | | | | | | | | | | 1.6 | 4.0 |
| NNE | | 1.6 | | | | | | | | | | 1.6 | 6.0 |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | |
| SSE | | 1.6 | | | | | | | | | | 1.6 | 4.0 |
| S | 1.6 | | 3.3 | | | | | | | | | 4.9 | 6.0 |
| SSW | | | 3.3 | | | | | | | | | 3.3 | 8.5 |
| SW | 1.6 | 4.9 | | | | | | | | | | 6.6 | 4.0 |
| WSW | | 8.2 | 6.6 | | | | | | | | | 14.8 | 6.4 |
| W | 6.6 | 4.9 | | | | | | | | | | 11.5 | 3.6 |
| WNW | 4.9 | 6.6 | 4.9 | | | | | | | | | 16.4 | 4.9 |
| NW | 4.9 | 8.2 | 4.9 | | | | | | | | | 18.0 | 5.1 |
| NNW | 3.3 | 8.2 | 6.6 | | | | | | | | | 18.0 | 5.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.6 | |
| | 23.0 | 45.9 | 29.5 | | | | | | | | | 100.0 | 5.2 |

TOTAL NUMBER OF OBSERVATIONS

61

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

JUN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.2 | 2.0 | | | | | | | | | | 3.2 | 3.5 |
| NNE | 1.2 | .4 | | | | | | | | | | 1.6 | 2.8 |
| NE | 2.0 | | | | | | | | | | | 2.0 | 1.8 |
| ENE | 1.6 | | .4 | | | | | | | | | 2.0 | 3.2 |
| E | .8 | | | | | | | | | | | .8 | 1.5 |
| ESE | .8 | .8 | | | | | | | | | | 1.6 | 3.3 |
| SE | 1.2 | .8 | | | | | | | | | | 2.0 | 3.2 |
| SSE | 1.6 | 1.6 | .4 | | | | | | | | | 3.6 | 3.7 |
| S | .8 | .4 | 1.6 | | | | | | | | | 2.8 | 6.4 |
| SSW | | | 1.2 | | | | | | | | | 1.2 | 8.0 |
| SW | .4 | 1.6 | .8 | | | | | | | | | 2.8 | 5.0 |
| WSW | 1.2 | 4.5 | 6.1 | | | | | | | | | 11.7 | 6.3 |
| W | 3.2 | 8.5 | 4.9 | | | | | | | | | 16.6 | 5.5 |
| WNW | 3.2 | 7.7 | 6.1 | .4 | | | | | | | | 17.4 | 5.6 |
| NW | 2.4 | 6.1 | 2.4 | | | | | | | | | 10.9 | 5.2 |
| NNW | 4.0 | 4.9 | 2.4 | | | | | | | | | 11.3 | 4.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.1 | |
| | 25.9 | 39.3 | 26.3 | .4 | | | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS

247

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

JUL
MONTH

ALL WEATHER
CLASS

08
HOURS (L.F.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.1 | | | | | | | | | | | 3.1 | 2.0 |
| NNE | 3.1 | | | | | | | | | | | 3.1 | 2.3 |
| NE | 3.1 | | | | | | | | | | | 3.1 | 1.0 |
| ENE | 3.1 | | | | | | | | | | | 3.1 | 2.0 |
| E | 7.8 | | | | | | | | | | | 7.8 | 2.0 |
| ESE | 9.4 | | | | | | | | | | | 9.4 | 1.8 |
| SE | 3.1 | 1.6 | | | | | | | | | | 4.7 | 2.7 |
| SSE | 9.4 | | 1.6 | | | | | | | | | 10.9 | 2.9 |
| S | 1.6 | | | | | | | | | | | 1.6 | 3.0 |
| SSW | | | | | | | | | | | | | |
| SW | 1.6 | | | | | | | | | | | 1.6 | 1.0 |
| WSW | 1.6 | | | | | | | | | | | 1.6 | 2.0 |
| W | 1.6 | | | | | | | | | | | 1.6 | 3.0 |
| WNW | | | | | | | | | | | | | |
| NW | 3.1 | | | | | | | | | | | 3.1 | 2.0 |
| NNW | 1.6 | | | | | | | | | | | 1.6 | 2.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 43.8 | |
| | 53.1 | 1.6 | 1.6 | | | | | | | | | 100.0 | 1.2 |

TOTAL NUMBER OF OBSERVATIONS 64

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

JUL
MONTH

ALL WEATHER
CLASS

11
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | | 1.6 | 1.6 | | | | | | | | 3.1 | 9.5 |
| NNE | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | |
| SSE | | | | 1.6 | | | | | | | | 1.6 | 13.0 |
| S | | | | | | | | | | | | | |
| SSW | | 4.7 | 1.6 | | | | | | | | | 6.3 | 6.3 |
| SW | | 3.1 | 4.7 | | | | | | | | | 7.8 | 6.8 |
| WSW | | 9.4 | 1.6 | | | | | | | | | 10.9 | 5.4 |
| W | | 21.9 | 4.7 | | | | | | | | | 26.6 | 5.5 |
| WNW | | 12.5 | 3.1 | | | | | | | | | 15.6 | 5.4 |
| NW | 1.6 | 12.5 | 1.6 | | | | | | | | | 15.6 | 5.1 |
| NNW | | 7.8 | 4.7 | | | | | | | | | 12.5 | 6.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .0 | |
| | 1.6 | 71.9 | 23.4 | 3.1 | | | | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS

64

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

JUL
MONTH

ALL WEATHER
CLASS

14
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | 1.6 | 1.6 | | | | | | | | | 3.1 | 6.5 |
| NNE | | 1.6 | | | | | | | | | | 1.6 | 6.0 |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | 1.6 | | | | | | | | | | | 1.6 | 3.0 |
| SE | | | | 1.6 | | | | | | | | 1.6 | 12.0 |
| SSE | | | | | | | | | | | | | |
| S | | | 1.6 | | | | | | | | | 1.6 | 8.0 |
| SSW | | | | | | | | | | | | | |
| SW | | 1.6 | 1.6 | | | | | | | | | 3.1 | 6.5 |
| WSW | | 6.3 | 14.1 | | | | | | | | | 20.3 | 7.1 |
| W | 3.1 | 6.3 | 12.5 | | | | | | | | | 21.9 | 6.1 |
| WNW | | 6.3 | 17.2 | | | | | | | | | 23.4 | 7.2 |
| NW | 1.6 | 4.7 | 4.7 | | | | | | | | | 10.9 | 6.0 |
| NNW | 1.6 | 3.1 | 4.7 | | | | | | | | | 9.4 | 6.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.6 | |
| | 7.8 | 31.3 | 57.8 | 1.6 | | | | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS

64

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-74
YEARS

JUL
MONTH

ALL WEATHER
CLASS

17
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | | 9.3 | | | | | | | | | 9.3 | 8.5 |
| NNE | 2.3 | | | | | | | | | | | 2.3 | 1.0 |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | 2.3 | | | | | | | | | | | 2.3 | 2.0 |
| ESE | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | |
| SSE | | | 2.3 | | | | | | | | | 2.3 | 10.0 |
| S | | 2.3 | 2.3 | | | | | | | | | 4.7 | 8.0 |
| SSW | | | 7.0 | | | | | | | | | 7.0 | 9.0 |
| SW | | 9.3 | 2.3 | | | | | | | | | 11.6 | 6.6 |
| WSW | | 7.0 | 2.3 | | | | | | | | | 9.3 | 6.0 |
| W | 4.7 | 20.9 | 4.7 | | | | | | | | | 30.2 | 5.2 |
| WNW | 4.7 | 7.0 | | | | | | | | | | 11.6 | 3.4 |
| NW | | 2.3 | | | | | | | | | | 2.3 | 6.0 |
| NNW | 2.3 | 2.3 | | | | | | | | | | 4.7 | 4.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.3 | |
| | 16.3 | 51.2 | 30.2 | | | | | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS 43

DIHNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

JUL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .9 | .4 | 2.6 | .4 | | | | | | | | 4.3 | 7.0 |
| NNE | 1.3 | .4 | | | | | | | | | | 1.7 | 3.0 |
| NE | .9 | | | | | | | | | | | .9 | 1.0 |
| ENE | .9 | | | | | | | | | | | .9 | 2.0 |
| E | 2.6 | | | | | | | | | | | 2.6 | 2.0 |
| ESE | 3.0 | | | | | | | | | | | 3.0 | 2.0 |
| SE | .9 | .4 | | .4 | | | | | | | | 1.7 | 5.0 |
| SSE | 2.6 | | .9 | .4 | | | | | | | | 3.8 | 4.8 |
| S | .4 | .4 | .9 | | | | | | | | | 1.7 | 6.8 |
| SSW | | 1.3 | 1.7 | | | | | | | | | 3.0 | 7.4 |
| SW | .4 | 3.0 | 2.1 | | | | | | | | | 5.5 | 6.2 |
| WSW | .4 | 5.5 | 4.7 | | | | | | | | | 10.6 | 6.2 |
| W | 2.1 | 11.5 | 5.5 | | | | | | | | | 19.1 | 5.5 |
| WNW | .9 | 6.4 | 5.5 | | | | | | | | | 12.8 | 6.0 |
| NW | 1.7 | 5.1 | 1.7 | | | | | | | | | 8.5 | 5.2 |
| NNW | 1.3 | 3.4 | 2.6 | | | | | | | | | 7.2 | 5.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.8 | |
| | 20.0 | 37.9 | 28.1 | 1.3 | | | | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS

235

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

AUG
MONTH

ALL WEATHER
CLASS

08
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.5 | | | | | | | | | | | 1.5 | 1.0 |
| NNE | 1.5 | | | | | | | | | | | 1.5 | 2.0 |
| NE | 6.1 | | | | | | | | | | | 6.1 | 1.5 |
| ENE | 3.0 | | | | | | | | | | | 3.0 | 1.5 |
| E | 13.6 | 3.0 | | | | | | | | | | 16.7 | 1.9 |
| ESE | 9.1 | 1.5 | | | | | | | | | | 10.6 | 2.0 |
| SE | 9.1 | | | | | | | | | | | 9.1 | 2.0 |
| SSE | 4.5 | | | | | | | | | | | 4.5 | 2.3 |
| S | 1.5 | | | | | | | | | | | 1.5 | 3.0 |
| SSW | 1.5 | | | | | | | | | | | 1.5 | 2.0 |
| SW | 1.5 | | | | | | | | | | | 1.5 | 3.0 |
| WSW | 1.5 | | | | | | | | | | | 1.5 | 1.0 |
| W | 1.5 | | | | | | | | | | | 1.5 | 1.0 |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | 3.0 | | | | | | | | | | | 3.0 | 2.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 36.4 | |
| | 59.1 | 4.5 | | | | | | | | | | 100.0 | 1.2 |

TOTAL NUMBER OF OBSERVATIONS

66

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NCPERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSAUG
MONTHALL WEATHER
CLASS11
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | 1.5 | 1.5 | | | | | | | | | 3.0 | 7.0 |
| NNE | | | 1.5 | | | | | | | | | 1.5 | 7.0 |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | 1.5 | | | | | | | | | | 1.5 | 5.0 |
| ESE | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | |
| S | | 1.5 | | | | | | | | | | 1.5 | 4.0 |
| SSW | | | 4.5 | | | | | | | | | 4.5 | 8.0 |
| SW | 1.5 | 3.0 | 1.5 | | | | | | | | | 6.1 | 5.8 |
| WSW | | 10.6 | | | | | | | | | | 10.6 | 5.3 |
| W | 3.0 | 15.2 | 6.1 | | | | | | | | | 24.2 | 5.8 |
| WNW | | 12.1 | 9.1 | | | | | | | | | 21.2 | 6.5 |
| NW | 1.5 | 16.7 | 1.5 | | | | | | | | | 19.7 | 5.6 |
| NNW | | | 4.5 | | | | | | | | | 4.5 | 8.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.5 | |
| | 6.1 | 62.1 | 30.3 | | | | | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS 66

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

AUG
MONTH

ALL WEATHER
CLASS

14
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | | 1.5 | | | | | | | | | 1.5 | 7.0 |
| NNE | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | |
| SSE | 1.5 | | 1.5 | | | | | | | | | 3.0 | 5.5 |
| S | | | | | | | | | | | | | |
| SSW | | | 3.0 | | | | | | | | | 3.0 | 7.5 |
| SW | | 3.0 | 1.5 | | | | | | | | | 4.5 | 6.0 |
| WSW | 1.5 | 6.1 | 6.1 | | | | | | | | | 13.6 | 5.8 |
| W | 3.0 | 16.7 | 12.1 | | | | | | | | | 31.8 | 6.2 |
| WNW | 1.5 | 7.6 | 9.1 | | | | | | | | | 18.2 | 6.3 |
| NW | 1.5 | 4.5 | 12.1 | | | | | | | | | 18.2 | 6.9 |
| NNW | | 1.5 | 3.0 | | | | | | | | | 4.5 | 8.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.5 | |
| | 9.1 | 39.4 | 50.0 | | | | | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS

66

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-74
YEARS

AUG
MONTH

ALL WEATHER
CLASS

17
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | 2.2 | 4.4 | 2.2 | | | | | | | | 8.9 | 8.8 |
| NNE | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | 2.2 | | | | | | | | | 2.2 | 7.0 |
| SE | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | |
| S | | 4.4 | | | | | | | | | | 4.4 | 4.0 |
| SSW | | 2.2 | 2.2 | | | | | | | | | 4.4 | 7.5 |
| SW | | 2.2 | 2.2 | | | | | | | | | 4.4 | 6.5 |
| WSW | 2.2 | 13.3 | 2.2 | | | | | | | | | 17.8 | 5.0 |
| W | 2.2 | 17.8 | 6.7 | | | | | | | | | 26.7 | 5.2 |
| WNW | 8.9 | 4.4 | | | | | | | | | | 13.3 | 3.2 |
| NW | | 2.2 | 2.2 | | | | | | | | | 4.4 | 5.5 |
| NNW | 6.7 | | 2.2 | 2.2 | | | | | | | | 11.1 | 5.6 |
| VARBL | | | | | | | | | | | | 2.2 | |
| CALM | | | | | | | | | | | | | |
| | 20.0 | 48.9 | 24.4 | 4.4 | | | | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS

45

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

AUG
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .4 | .8 | 1.6 | .4 | | | | | | | | 3.3 | 7.1 |
| NNE | .4 | | .4 | | | | | | | | | .8 | 4.5 |
| NE | 1.6 | | | | | | | | | | | 1.6 | 1.5 |
| ENE | .8 | | | | | | | | | | | .8 | 1.5 |
| E | 3.7 | 1.2 | | | | | | | | | | 4.9 | 2.2 |
| ESE | 2.5 | .4 | .4 | | | | | | | | | 3.3 | 2.6 |
| SE | 2.5 | | | | | | | | | | | 2.5 | 2.0 |
| SSE | 1.6 | | .4 | | | | | | | | | 2.1 | 3.6 |
| S | .4 | 1.2 | | | | | | | | | | 1.6 | 3.8 |
| SSW | .4 | .4 | 2.5 | | | | | | | | | 3.3 | 7.0 |
| SW | .8 | 2.1 | 1.2 | | | | | | | | | 4.1 | 5.7 |
| WSW | 1.2 | 7.0 | 2.1 | | | | | | | | | 10.3 | 5.2 |
| W | 2.5 | 11.9 | 6.2 | | | | | | | | | 20.6 | 5.7 |
| WNW | 2.1 | 6.2 | 4.9 | | | | | | | | | 13.2 | 5.8 |
| NW | .8 | 6.2 | 4.1 | | | | | | | | | 11.1 | 6.2 |
| NNW | 2.1 | .4 | 2.5 | .4 | | | | | | | | 5.3 | 6.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.1 | |
| | 23.9 | 37.9 | 26.3 | .8 | | | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS 243

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

SEP
MONTH

ALL WEATHER
CLASS

08
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.7 | | | | | | | | | | | 1.7 | 2.0 |
| NNE | 1.7 | 1.7 | | | | | | | | | | 3.3 | 3.0 |
| NE | 5.0 | | | | | | | | | | | 5.0 | 2.0 |
| ENE | 20.0 | 1.7 | | | | | | | | | | 21.7 | 2.3 |
| E | 20.0 | 3.3 | | | | | | | | | | 23.3 | 2.6 |
| ESE | 6.7 | | | | | | | | | | | 6.7 | 1.8 |
| SE | 5.0 | | | | | | | | | | | 5.0 | 2.0 |
| SSE | 5.0 | | | | | | | | | | | 5.0 | 2.0 |
| S | 1.7 | | | | | | | | | | | 1.7 | 2.0 |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 26.7 | |
| | 66.7 | 6.7 | | | | | | | | | | 100.0 | 1.7 |

TOTAL NUMBER OF OBSERVATIONS

60

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

SEP
MONTH

ALL WEATHER
CLASS

11
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | 3.3 | 5.0 | | | | | | | | | 8.3 | 6.8 |
| NNE | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | | | 3.3 | | | | | | | | | 3.3 | 9.5 |
| SSE | | 1.7 | | | | | | | | | | 1.7 | 6.0 |
| S | | 3.3 | 3.3 | | | | | | | | | 6.7 | 7.0 |
| SSW | 1.7 | 1.7 | | | | | | | | | | 3.3 | 3.0 |
| SW | | 8.3 | | | | | | | | | | 8.3 | 5.0 |
| WSW | | 5.0 | 3.3 | 1.7 | | | | | | | | 10.0 | 6.7 |
| W | 5.0 | 11.7 | | | | | | | | | | 16.7 | 4.3 |
| WNW | 3.3 | 11.7 | | | | | | | | | | 15.0 | 4.3 |
| NW | 1.7 | 5.0 | 5.0 | | | | | | | | | 11.7 | 5.9 |
| NNW | 1.7 | 8.3 | 5.0 | | | | | | | | | 15.0 | 5.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .0 | |
| | 13.3 | 60.0 | 25.0 | 1.7 | | | | | | | | 100.0 | 5.5 |

TOTAL NUMBER OF OBSERVATIONS 60

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

SEP
MONTH

ALL WEATHER
CLASS

14
HOURS (L.E.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 3.3 | 1.7 | 3.3 | 1.7 | | | | | | | | 10.0 | 6.8 |
| NNE | | | | | | | | | | | | | |
| NE | | 1.7 | | | | | | | | | | 1.7 | 4.0 |
| ENE | | 1.7 | | | | | | | | | | 1.7 | 6.0 |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | |
| SSE | | 1.7 | | | | | | | | | | 1.7 | 6.0 |
| S | | 1.7 | | 1.7 | | | | | | | | 3.3 | 8.5 |
| SSW | | 3.3 | 1.7 | | | | | | | | | 5.0 | 7.0 |
| SW | | 1.7 | 1.7 | | | | | | | | | 3.3 | 6.0 |
| WSW | 1.7 | 3.3 | 8.3 | | | | | | | | | 13.3 | 6.4 |
| W | 6.7 | 13.3 | 10.0 | | | | | | | | | 30.0 | 5.6 |
| WNW | | 8.3 | 3.3 | | | | | | | | | 11.7 | 6.9 |
| NW | | 5.0 | 1.7 | | | | | | | | | 6.7 | 5.8 |
| NNW | | 3.3 | 6.7 | | | | | | | | | 10.0 | 6.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.7 | |
| | 11.7 | 46.7 | 36.7 | 3.3 | | | | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS

60

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501 STATION BARKING SANDS, HAWAII STATION NAME 73-74 YEARS SEP MONTH 17 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------|
| N | | 2.6 | 5.3 | 2.6 | | | | | | | | 10.5 | 8.8 |
| NNE | | 2.6 | 2.6 | | | | | | | | | 5.3 | 7.5 |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | 2.6 | | | | | | | | | 2.6 | 8.0 |
| ESE | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | |
| SSE | 2.6 | | | | | | | | | | | 2.6 | 2.0 |
| S | | 7.9 | | | | | | | | | | 7.9 | 5.0 |
| SSW | 2.6 | 5.3 | 2.6 | | | | | | | | | 10.5 | 5.3 |
| SW | 2.6 | 2.6 | | | | | | | | | | 5.3 | 3.0 |
| WSW | 2.6 | 5.3 | 2.6 | | | | | | | | | 10.5 | 4.5 |
| W | 2.6 | 7.9 | 2.6 | | | | | | | | | 13.2 | 5.4 |
| WNW | 5.3 | 7.9 | | | | | | | | | | 13.2 | 4.0 |
| NW | 5.3 | | | | | | | | | | | 5.3 | 3.0 |
| NNW | 2.6 | 2.6 | | | | | | | | | | 5.3 | 4.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.9 | |
| | 26.3 | 44.7 | 18.4 | 2.6 | | | | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS 38

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

AD-A067 677

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C

F/G 4/2

SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS), BARKING--ETC(U)

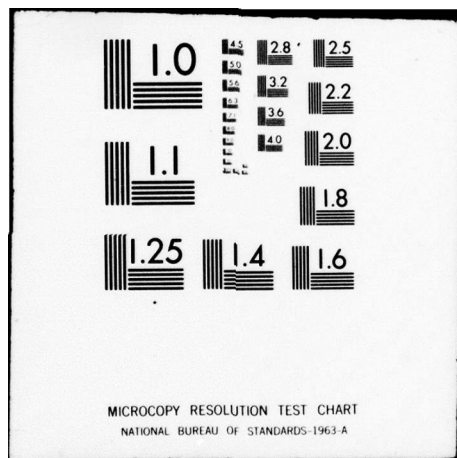
JUL 78

UNCLASSIFIED

NL

2 of 4

AD
A06787 Springer



2

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NCPERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSSEP
MONTHALL WEATHER
CLASSALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | 1.8 | 3.2 | .9 | | | | | | | | 7.3 | 7.0 |
| NNE | .5 | .9 | .5 | | | | | | | | | 1.8 | 5.3 |
| NE | 1.4 | .5 | | | | | | | | | | 1.8 | 2.5 |
| ENE | 5.5 | .9 | | | | | | | | | | 6.4 | 2.6 |
| E | 5.5 | .9 | .5 | | | | | | | | | 6.9 | 3.0 |
| ESE | 1.8 | | | | | | | | | | | 1.8 | 1.8 |
| SE | 1.4 | | .9 | | | | | | | | | 2.3 | 5.0 |
| SSE | 1.8 | .9 | | | | | | | | | | 2.8 | 3.3 |
| S | .5 | 2.8 | .9 | .5 | | | | | | | | 4.6 | 6.2 |
| SSW | .9 | 2.3 | .9 | | | | | | | | | 4.1 | 5.3 |
| SW | .5 | 3.2 | .5 | | | | | | | | | 4.1 | 4.8 |
| WSW | .9 | 3.2 | 3.7 | .5 | | | | | | | | 8.3 | 6.1 |
| W | 3.7 | 8.3 | 3.2 | | | | | | | | | 15.1 | 5.2 |
| WNW | 1.8 | 6.9 | .9 | | | | | | | | | 9.6 | 5.1 |
| NW | 1.4 | 2.8 | 1.8 | | | | | | | | | 6.0 | 5.4 |
| NNW | .9 | 3.7 | 3.2 | | | | | | | | | 7.8 | 5.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.2 | |
| | 29.8 | 39.0 | 20.2 | 1.8 | | | | | | | | 100.0 | 4.5 |

TOTAL NUMBER OF OBSERVATIONS

218

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

2
NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

OCT
MONTH

ALL WEATHER
CLASS

08
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | | | | | | | | | | | | |
| NNE | 6.3 | | | | | | | | | | | 6.3 | 2.5 |
| NE | 3.2 | | | | | | | | | | | 3.2 | 2.0 |
| ENE | 17.5 | 1.6 | | | | | | | | | | 19.0 | 2.3 |
| E | 19.0 | 1.6 | | | | | | | | | | 20.6 | 2.1 |
| ESE | 7.9 | 1.6 | 1.6 | | | | | | | | | 11.1 | 2.7 |
| SE | 6.3 | | 1.6 | | | | | | | | | 7.9 | 3.4 |
| SSE | 9.5 | | | | | | | | | | | 9.5 | 1.3 |
| S | | 1.6 | | | | | | | | | | 1.6 | 6.0 |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 20.6 | |
| | 69.8 | 6.3 | 3.2 | | | | | | | | | 100.0 | 1.9 |

TOTAL NUMBER OF OBSERVATIONS 63

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

OCT
MONTH

ALL WEATHER
CLASS

11
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | | | 1.6 | | | | | | | | 1.6 | 13.0 |
| NNE | | | | | | | | | | | | | |
| NE | | | 1.6 | | | | | | | | | 1.6 | 9.0 |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | | 1.6 | 4.8 | | | | | | | | | 6.3 | 7.3 |
| SSE | | | 1.6 | | | | | | | | | 1.6 | 7.0 |
| S | | 3.2 | 3.2 | | | | | | | | | 6.3 | 7.5 |
| SSW | | 3.2 | 1.6 | | | | | | | | | 4.8 | 6.3 |
| SW | | 3.2 | 1.6 | | | | | | | | | 4.8 | 6.0 |
| WSW | 1.6 | 4.8 | | | | | | | | | | 6.3 | 4.3 |
| W | 4.8 | 14.3 | 3.2 | 1.6 | | | | | | | | 23.8 | 5.2 |
| WNW | 1.6 | 12.7 | 3.2 | | | | | | | | | 17.5 | 5.2 |
| NW | 6.3 | 9.5 | 3.2 | | | | | | | | | 19.0 | 4.4 |
| NNW | 3.2 | | 3.2 | | | | | | | | | 6.3 | 5.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .0 | |
| | 17.5 | 52.4 | 27.0 | 3.2 | | | | | | | | 100.0 | 5.6 |

TOTAL NUMBER OF OBSERVATIONS 63

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

DEC
MONTH

ALL WEATHER
CLASS

14
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.6 | | 3.2 | 1.6 | | | | | | | | 6.3 | 8.0 |
| NNE | | 1.6 | | | | | | | | | | 1.6 | 5.0 |
| NE | | | | | | | | | | | | | |
| ENE | 1.6 | | | | | | | | | | | 1.6 | 2.0 |
| E | | | | | | | | | | | | | |
| ESE | | 1.6 | | | | | | | | | | 1.6 | 5.0 |
| SE | | | | | | | | | | | | | |
| SSE | | 1.6 | 6.3 | | | | | | | | | 7.9 | 8.2 |
| S | | 4.8 | 6.3 | | | | | | | | | 11.1 | 7.6 |
| SSW | | 1.6 | 1.6 | | | | | | | | | 3.2 | 6.5 |
| SW | | 4.8 | | | | | | | | | | 4.8 | 5.3 |
| WSW | | 1.6 | 3.2 | | | | | | | | | 4.8 | 7.3 |
| W | | 12.7 | 6.3 | | | | | | | | | 19.0 | 5.8 |
| WNW | | 12.7 | 9.5 | | | | | | | | | 22.2 | 6.6 |
| NW | 1.6 | 3.2 | | | | | | | | | | 4.8 | 4.0 |
| NNW | | 6.3 | 3.2 | | | | | | | | | 9.5 | 6.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.6 | |
| | 4.8 | 52.4 | 39.7 | 1.6 | | | | | | | | 100.0 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS 63

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-74
YEARS

OCT
MONTH

ALL WEATHER
CLASS

17
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 2.4 | 2.4 | 2.4 | 2.4 | | | | | | | | 9.5 | 7.0 |
| NNE | | 2.4 | | | | | | | | | | 2.4 | 4.0 |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | 4.8 | 2.4 | | | | | | | | | | 7.1 | 3.3 |
| SSE | | 7.1 | | 2.4 | | | | | | | | 9.5 | 6.3 |
| S | | 2.4 | 4.8 | | | | | | | | | 7.1 | 6.7 |
| SSW | | | 2.4 | | | | | | | | | 2.4 | 8.0 |
| SW | 2.4 | 4.8 | | | | | | | | | | 7.1 | 4.0 |
| WSW | | 2.4 | | | | | | | | | | 2.4 | 4.0 |
| W | 7.1 | 16.7 | | | | | | | | | | 23.8 | 4.0 |
| WNW | 4.8 | 2.4 | | | | | | | | | | 7.1 | 4.0 |
| NW | 4.8 | 4.8 | 2.4 | | | | | | | | | 11.9 | 4.4 |
| NNW | 2.4 | 4.8 | | | | | | | | | | 7.1 | 4.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.4 | |
| | 28.6 | 52.4 | 11.9 | 4.8 | | | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS

42

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

OCT
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .9 | .4 | 1.3 | 1.3 | | | | | | | | 3.9 | 8.1 |
| NNE | 1.7 | .9 | | | | | | | | | | 2.6 | 3.2 |
| NE | .9 | | .4 | | | | | | | | | 1.3 | 4.3 |
| ENE | 5.2 | .4 | | | | | | | | | | 5.6 | 2.2 |
| E | 5.2 | .4 | | | | | | | | | | 5.6 | 2.1 |
| ESE | 2.2 | .9 | .4 | | | | | | | | | 3.5 | 3.0 |
| SE | 2.6 | .9 | 1.7 | | | | | | | | | 5.2 | 4.7 |
| SSE | 2.6 | 1.7 | 2.2 | .4 | | | | | | | | 6.9 | 5.1 |
| S | | 3.0 | 3.5 | | | | | | | | | 6.5 | 7.3 |
| SSW | | 1.3 | 1.3 | | | | | | | | | 2.6 | 6.7 |
| SW | .4 | 3.0 | .4 | | | | | | | | | 3.9 | 5.1 |
| WSW | .4 | 2.2 | .9 | | | | | | | | | 3.5 | 5.4 |
| W | 2.6 | 10.4 | 2.6 | .4 | | | | | | | | 16.0 | 5.1 |
| WNW | 1.3 | 7.4 | 3.5 | | | | | | | | | 12.1 | 5.8 |
| NW | 3.0 | 4.3 | 1.3 | | | | | | | | | 8.7 | 4.4 |
| NNW | 1.3 | 2.6 | 1.7 | | | | | | | | | 5.6 | 5.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.3 | |
| | 30.3 | 39.8 | 21.2 | 2.2 | | | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS

231

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

NOV
MONTH

ALL WEATHER
CLASS

08
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | | | | | | | | | | | | |
| NNE | 1.7 | 1.7 | | | | | | | | | | 3.4 | 3.0 |
| NE | 5.2 | | | | | | | | | | | 5.2 | 2.3 |
| ENE | 10.3 | 3.4 | | 1.7 | | | | | | | | 15.5 | 4.1 |
| E | 19.0 | 3.4 | | | | | | | | | | 22.4 | 2.7 |
| ESE | 8.6 | | | 1.7 | 1.7 | | | | | | | 12.1 | 6.3 |
| SE | 5.2 | | | 1.7 | | | | | | | | 6.9 | 4.5 |
| SSE | 3.4 | 1.7 | 5.2 | | | | | | | | | 10.3 | 6.2 |
| S | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 24.1 | |
| | 53.4 | 10.3 | 5.2 | 5.2 | 1.7 | | | | | | | 100.0 | 3.2 |

TOTAL NUMBER OF OBSERVATIONS

58

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

NOV
MONTH

ALL WEATHER
CLASS

11
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.7 | 1.7 | 1.7 | 5.2 | | | | | | | | 10.3 | 9.0 |
| NNE | 1.7 | | 1.7 | 3.4 | | | | | | | | 6.9 | 9.3 |
| NE | 1.7 | | | | | | | | | | | 1.7 | 3.0 |
| ENE | | | | | | | | | | | | | |
| E | | 1.7 | | | | | | | | | | 1.7 | 6.0 |
| ESE | | | | | | | | | | | | | |
| SE | | 1.7 | | | | | | | | | | 1.7 | 5.0 |
| SSE | | | 5.2 | 5.2 | 1.7 | | | | | | | 12.1 | 11.6 |
| S | 1.7 | 3.4 | | | | | | | | | | 8.6 | 6.4 |
| SSW | 1.7 | | 1.7 | | | | | | | | | 3.4 | 4.5 |
| SW | 1.7 | 5.2 | 1.7 | | | | | | | | | 8.6 | 5.4 |
| WSW | 1.7 | 6.9 | | | | | | | | | | 8.6 | 5.2 |
| W | 3.4 | 6.9 | 3.4 | | | | | | | | | 13.8 | 4.9 |
| WNW | | 3.4 | 1.7 | | | | | | | | | 5.2 | 5.7 |
| NW | 1.7 | 6.9 | | | | | | | | | | 8.6 | 4.8 |
| NNW | | 5.2 | 3.4 | | | | | | | | | 8.6 | 5.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .0 | |
| | 17.2 | 43.1 | 24.1 | 13.8 | 1.7 | | | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS

58

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

NDV
MONTH

ALL WEATHER
CLASS

14
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | 1.7 | | 3.4 | 8.6 | | | | | | | 13.8 | 14.8 |
| NNE | | | 1.7 | | | | | | | | | 1.7 | 8.0 |
| NE | | | | | | | | | | | | | |
| ENE | 1.7 | | | | | | | | | | | 1.7 | 1.0 |
| E | 1.7 | | | | | | | | | | | 1.7 | 3.0 |
| ESE | | | | | | | | | | | | | |
| SE | | | | 1.7 | | | | | | | | 1.7 | 14.0 |
| SSE | 1.7 | | 1.7 | 5.2 | | | | | | | | 8.6 | 10.0 |
| S | 1.7 | 1.7 | 5.2 | 1.7 | | | | | | | | 10.3 | 8.7 |
| SSW | 1.7 | | 1.7 | | | | | | | | | 3.4 | 5.0 |
| SW | 1.7 | | 5.2 | | | | | | | | | 6.9 | 7.3 |
| WSW | | 5.2 | 6.9 | | | | | | | | | 12.1 | 6.9 |
| W | 3.4 | 13.8 | 1.7 | | | | | | | | | 19.0 | 4.9 |
| WNW | | 5.2 | 5.2 | | | | | | | | | 10.3 | 6.5 |
| NW | 1.7 | | 3.4 | | | | | | | | | 5.2 | 6.7 |
| NNW | 1.7 | | 1.7 | | | | | | | | | 3.4 | 5.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .0 | |
| | 17.2 | 27.6 | 34.5 | 12.1 | 8.6 | | | | | | | 100.0 | 7.9 |

TOTAL NUMBER OF OBSERVATIONS

58

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-74
YEARS

NOV
MONTH

ALL WEATHER
CLASS

17
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | 2.6 | 2.6 | | | | | | | | | 5.1 | 6.5 |
| NNE | | 2.6 | | 7.7 | 2.6 | | | | | | | 12.8 | 13.2 |
| NE | 2.6 | 2.6 | 2.6 | | | | | | | | | 7.7 | 5.0 |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | 2.6 | | | | | | | | | | 2.6 | 5.0 |
| SE | | | 2.6 | | | | | | | | | 2.6 | 9.0 |
| SSE | | 7.7 | 2.6 | 2.6 | | | | | | | | 12.8 | 7.8 |
| S | | 5.1 | | | | | | | | | | 5.1 | 5.5 |
| SSW | 5.1 | | | | | | | | | | | 5.1 | 2.5 |
| SW | | | | | | | | | | | | | |
| WSW | 2.6 | | 5.1 | | | | | | | | | 7.7 | 6.0 |
| W | 2.6 | 10.3 | | | | | | | | | | 12.8 | 4.4 |
| WNW | 2.6 | 2.6 | | | | | | | | | | 5.1 | 3.5 |
| NW | 5.1 | 2.6 | | | | | | | | | | 7.7 | 3.3 |
| NNW | | 2.6 | 2.6 | | | | | | | | | 5.1 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.7 | |
| | 20.5 | 41.0 | 17.9 | 10.3 | 2.6 | | | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS

39

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501 STATION BARKING SANDS, HAWAII STATION NAME 73-75 YEARS NOV MONTH ALL HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .5 | 1.4 | .9 | 2.3 | 2.3 | | | | | | | 7.5 | 11.6 |
| NNE | .9 | .9 | .9 | 2.3 | .5 | | | | | | | 5.6 | 9.8 |
| NE | 2.3 | .5 | .5 | | | | | | | | | 3.3 | 3.6 |
| ENE | 3.3 | .9 | | .5 | | | | | | | | 4.7 | 3.8 |
| E | 5.6 | 1.4 | | | | | | | | | | 7.0 | 2.9 |
| ESE | 2.3 | .5 | | .5 | .5 | | | | | | | 3.8 | 6.1 |
| SE | 1.4 | .5 | .5 | .9 | | | | | | | | 3.3 | 6.6 |
| SSE | 1.4 | 1.9 | 3.8 | 3.3 | .5 | | | | | | | 10.8 | 9.0 |
| S | .9 | 2.3 | 2.3 | .5 | | | | | | | | 6.1 | 7.3 |
| SSW | 1.9 | | .9 | | | | | | | | | 2.8 | 4.0 |
| SW | .9 | 1.4 | 1.9 | | | | | | | | | 4.2 | 6.3 |
| WSW | .9 | 3.3 | 2.8 | | | | | | | | | 7.0 | 6.1 |
| W | 2.3 | 7.5 | 1.4 | | | | | | | | | 11.3 | 4.8 |
| WNW | .5 | 2.8 | 1.9 | | | | | | | | | 5.2 | 5.7 |
| NW | 1.9 | 2.3 | .9 | | | | | | | | | 5.2 | 4.9 |
| NNW | .5 | 1.9 | 1.9 | | | | | | | | | 4.2 | 5.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.0 | |
| | 27.7 | 29.6 | 20.7 | 10.3 | 3.8 | | | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS 213

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

DEC
MONTH

ALL WEATHER
CLASS

08
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.7 | | | 1.7 | | | | | | | | 3.3 | 8.0 |
| NNE | 1.7 | | | 1.7 | | | | | | | | 3.3 | 9.0 |
| NE | 3.3 | 1.7 | | | | | | | | | | 5.0 | 2.7 |
| ENE | 16.7 | 5.0 | | | | | | | | | | 21.7 | 2.8 |
| E | 16.7 | | | | | | | | | | | 16.7 | 2.4 |
| ESE | 10.0 | | | | | | | | | | | 10.0 | 2.5 |
| SE | 5.0 | | | | | | | | | | | 5.0 | 2.3 |
| SSE | 3.3 | | 1.7 | | | | | | | | | 5.0 | 3.7 |
| S | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | | | 3.3 | | | | | | | | | 3.3 | 7.5 |
| NW | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 26.7 | |
| | 58.3 | 6.7 | 5.0 | 3.3 | | | | | | | | 100.0 | 2.5 |

TOTAL NUMBER OF OBSERVATIONS

60

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

DEC
MONTH

ALL WEATHER
CLASS

11
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | 8.3 | 5.0 | 3.3 | | | | | | | | 16.7 | 8.2 |
| NNE | | 1.7 | | | | | | | | | | 1.7 | 4.0 |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | 1.7 | | | | | | | | | | 1.7 | 4.0 |
| SE | 1.7 | | 5.0 | | | | | | | | | 6.7 | 5.8 |
| SSE | | 1.7 | 3.3 | | | | | | | | | 5.0 | 7.0 |
| S | 1.7 | 5.0 | 1.7 | | | | | | | | | 8.3 | 5.2 |
| SSW | 1.7 | 1.7 | 1.7 | | | | | | | | | 5.0 | 5.0 |
| SW | 1.7 | 1.7 | 1.7 | | | | | | | | | 5.0 | 4.7 |
| WSW | 1.7 | 1.7 | | | | | | | | | | 3.3 | 3.5 |
| W | 6.7 | 3.3 | | | | | | | | | | 10.0 | 3.7 |
| WNW | 1.7 | 3.3 | 1.7 | | | | | | | | | 6.7 | 4.3 |
| NW | 10.0 | 8.3 | 1.7 | | | | | | | | | 20.0 | 3.9 |
| NNW | 3.3 | 3.3 | | 1.7 | | | | | | | | 8.3 | 5.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.7 | |
| | 30.0 | 41.7 | 21.7 | 5.0 | | | | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS

60

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

DEC
MONTH

ALL WEATHER
CLASS

14
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | 5.2 | 5.2 | 1.7 | | | | | | | | 12.1 | 7.6 |
| NNE | | | | 3.4 | | | | | | | | 3.4 | 13.0 |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | 1.7 | | | | | | | | | | 1.7 | 6.0 |
| SE | | | | | | | | | | | | | |
| SSE | | 1.7 | 3.4 | 1.7 | | | | | | | | 6.9 | 7.8 |
| S | | | | 1.7 | | | | | | | | 1.7 | 11.0 |
| SSW | | 1.7 | | | | | | | | | | 1.7 | 4.0 |
| SW | | | 1.7 | | | | | | | | | 1.7 | 8.0 |
| WSW | | 1.7 | | | | | | | | | | 1.7 | 4.0 |
| W | 1.7 | 3.4 | 5.2 | | | | | | | | | 10.3 | 6.0 |
| WNW | 6.9 | 15.5 | | | | | | | | | | 22.4 | 4.4 |
| NW | | 12.1 | 12.1 | | | | | | | | | 24.1 | 6.1 |
| NNW | | 5.2 | 1.7 | 3.4 | | | | | | | | 10.3 | 8.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.7 | |
| | 8.6 | 48.3 | 29.3 | 12.1 | | | | | | | | 100.0 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS

58

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-74
YEARS

DEC
MONTH

ALL WEATHER
CLASS

17
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 5.6 | 2.8 | 11.1 | 8.3 | | | | | | | | 27.8 | 8.8 |
| NNE | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | 2.8 | | | | | | | | | | 2.8 | 4.0 |
| ESE | | | | | | | | | | | | | |
| SE | | 2.8 | 2.8 | | | | | | | | | 5.6 | 6.0 |
| SSE | 2.8 | | | | | | | | | | | 2.8 | 3.0 |
| S | 2.8 | | | | | | | | | | | 2.8 | 2.0 |
| SSW | | 2.8 | | | | | | | | | | 2.8 | 4.0 |
| SW | 2.8 | | 2.8 | | | | | | | | | 5.6 | 4.5 |
| WSW | | 8.3 | | | | | | | | | | 8.3 | 4.0 |
| W | 5.6 | | | | | | | | | | | 5.6 | 2.5 |
| WNW | 5.6 | | | | | | | | | | | 5.6 | 3.0 |
| NW | 13.9 | | | | | | | | | | | 13.9 | 2.0 |
| NNW | 5.6 | 5.6 | | | | | | | | | | 11.1 | 3.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.6 | |
| | 44.4 | 25.0 | 16.7 | 8.3 | | | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS

36

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

225C1
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

DEC
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | 1.4 | 4.2 | 4.7 | 3.3 | | | | | | | | 13.6 | 8.2 |
| NNE | .5 | .5 | | 1.4 | | | | | | | | 2.3 | 9.6 |
| NE | .9 | .5 | | | | | | | | | | 1.4 | 2.7 |
| ENE | 4.7 | 1.4 | | | | | | | | | | 6.1 | 2.8 |
| E | 4.7 | .5 | | | | | | | | | | 5.1 | 2.5 |
| ESE | 2.8 | .9 | | | | | | | | | | 3.7 | 3.1 |
| SE | 1.9 | .5 | 1.9 | | | | | | | | | 4.2 | 4.7 |
| SSE | 1.4 | .9 | 2.3 | .5 | | | | | | | | 5.1 | 6.0 |
| S | .9 | 1.4 | .5 | .5 | | | | | | | | 3.3 | 5.6 |
| SSW | .5 | 1.4 | .5 | | | | | | | | | 2.3 | 4.6 |
| SW | .9 | .5 | 1.4 | | | | | | | | | 2.8 | 5.2 |
| WSW | .5 | 2.3 | | | | | | | | | | 2.8 | 3.8 |
| W | 3.3 | 1.9 | 1.4 | | | | | | | | | 6.5 | 4.5 |
| WNW | 3.3 | 5.1 | 1.4 | | | | | | | | | 9.8 | 4.5 |
| NW | 5.1 | 5.6 | 3.7 | | | | | | | | | 14.5 | 4.6 |
| NNW | 1.9 | 3.3 | .5 | 1.4 | | | | | | | | 7.0 | 6.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.3 | |
| | 34.6 | 30.8 | 18.2 | 7.0 | | | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS

214

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-76
YEARS

ALL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | .9 | 1.5 | 2.3 | 2.1 | .8 | .3 | | | | | | 7.9 | 10.1 |
| NNE | 1.0 | .7 | .3 | .6 | .2 | | | | | | | 2.8 | 7.0 |
| NE | 1.3 | .3 | .1 | | | | | | | | | 1.7 | 2.8 |
| ENE | 3.0 | .6 | .1 | .0 | | | | | | | | 3.7 | 2.8 |
| E | 3.8 | .8 | .1 | | | | | | | | | 4.6 | 2.6 |
| ESE | 1.9 | .4 | .1 | .1 | .1 | .0 | | | | | | 2.7 | 4.0 |
| SE | 1.6 | .5 | .8 | .5 | | | | | | | | 3.4 | 5.7 |
| SSE | 1.6 | 1.2 | 1.4 | .7 | .0 | .1 | | | | | | 4.8 | 6.6 |
| S | .5 | 1.4 | 1.5 | .8 | .0 | | | | | | | 4.2 | 7.6 |
| SSW | .5 | .8 | 1.1 | .1 | | | | | | | | 2.5 | 6.4 |
| SW | .7 | 1.9 | 1.2 | .1 | | | | | | | | 3.9 | 5.8 |
| WSW | 1.0 | 3.4 | 2.1 | .0 | | | | | | | | 6.5 | 5.5 |
| W | 2.5 | 7.8 | 3.2 | .1 | .0 | | | | | | | 13.7 | 5.4 |
| WNW | 1.9 | 6.4 | 2.9 | .1 | | | | | | | | 11.3 | 5.3 |
| NW | 1.9 | 4.9 | 2.5 | .0 | | | | | | | | 9.3 | 5.3 |
| NNW | 1.3 | 3.4 | 3.0 | .5 | | | | | | | | 8.3 | 6.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.6 | |
| | 25.1 | 36.2 | 22.8 | 5.8 | 1.1 | .4 | | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS

2897

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-76
YEARS

ALL
MONTH

INSTRUMENT

CLASS

ALL

HOURS (L.S.T.)

CIG 200 TO 1400 FT W/VSBY 1/2 MI OR MORE,

CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥ 56 | % | MEAN WIND SPEED |
|-------------------------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|------|-------|-----------------------|
| N | | | | | | 7.7 | | | | | | 7.7 | 22.0 |
| NNE | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | | | 7.7 | | | | | | 7.7 | 25.0 |
| SE | | | 7.7 | | | | | | | | | 7.7 | 10.0 |
| SSE | | 7.7 | 7.7 | 23.1 | | | | | | | | 38.5 | 10.6 |
| S | | 7.7 | | | | | | | | | | 7.7 | 6.0 |
| SSW | 7.7 | | | | | | | | | | | 7.7 | 3.0 |
| SW | | | | 7.7 | | | | | | | | 7.7 | 16.0 |
| WSW | | | | | | | | | | | | | |
| W | | | | | 7.7 | | | | | | | 7.7 | 18.0 |
| WNW | | | | | | | | | | | | | |
| NW | | | 7.7 | | | | | | | | | 7.7 | 8.0 |
| NNW | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .0 | |
| | 7.7 | 13.4 | 23.1 | 30.8 | 7.7 | 15.4 | | | | | | 100.0 | 12.4 |

TOTAL NUMBER OF OBSERVATIONS

13

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

NWSD, Federal Building
Asheville, N. C.

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from 3-hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|----------|----------|----------|----------|---------------------|----------|---------------------|---------------------|----------|--------------------|--------------------|--------------------|--------------------|---------------------|----------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | $\geq 2\frac{1}{2}$ | ≥ 2 | $\geq 1\frac{1}{2}$ | $\geq 1\frac{1}{4}$ | ≥ 1 | $\geq \frac{3}{4}$ | $\geq \frac{1}{2}$ | $\geq \frac{1}{4}$ | $\geq \frac{1}{8}$ | $\geq \frac{1}{16}$ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 1800 | | | | | | | | | | | | | | | | |
| ≥ 1500 | | | | | 91.0 | | | | | | | | | | | 92.6 |
| ≥ 1200 | | | | | | | | | | | | | | | | |
| ≥ 1000 | | | | | | | | | | | | | | | | |
| ≥ 900 | | | | | | | | | | | | | | | | |
| ≥ 800 | | | | | | | | | | | | | | | | |
| ≥ 700 | | | | | | | | | | | | | | | | |
| ≥ 600 | | | | | | | | | | | | | | | | |
| ≥ 500 | | | | | | | | | | 97.4 | | | | | | 98.1 |
| ≥ 400 | | | | | | | | | | | | | | | | |
| ≥ 300 | | | | | | | | | | | | | | | | |
| ≥ 200 | | | | | | | | | | | | | | | | |
| ≥ 100 | | | | | | | | | | | | | | | | |
| ≥ 0 | | | | | 95.4 | | 96.9 | | | 98.3 | | | | | | 100.0 |

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

PART D

ADDITIONAL EXAMPLES

EXAMPLE # 4

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

PART D

SKY COVER

This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

| <u>OKTAS</u> | <u>TENTHS</u> |
|-----------------|---------------|
| 0 | 0 |
| 1 | 1 |
| 2 | 3 |
| 3 | 4 |
| 4 | 5 |
| 5 | 6 |
| 6 | 8 |
| 7 | 9 |
| 8 (or obscured) | 10 |

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

JAN
MONTH

02
HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000

5703 CEILING VERSUS VISIBILITY JAN 70

0000

0000

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| IV 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

JAN
MONTH

05

HOURE (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|-----|--------|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ ⅓ | ≥ 5/16 | ≥ ¼ |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| IV 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME74-76
YEARSJAN
MONTH08
HOURS (LST)PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 20000 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| IV 18000 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 |
| IV 16000 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 |
| IV 14000 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 |
| IV 12000 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| IV 10000 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| IV 9000 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| IV 8000 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| IV 7000 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| IV 6000 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| IV 5000 | 87.7 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| IV 4500 | 87.7 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| IV 4000 | 87.7 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| IV 3500 | 87.7 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| IV 3000 | 89.2 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| IV 2500 | 89.2 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| IV 2000 | 93.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| IV 1800 | 93.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| IV 1500 | 93.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| IV 1200 | 95.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 95.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 95.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 95.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 95.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 95.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 95.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 95.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 95.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 95.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 95.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 95.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

65

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 76

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME74-76
YEARSJAN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)11
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| ≥ 20000 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| ≥ 18000 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| ≥ 16000 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| ≥ 14000 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| ≥ 12000 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| ≥ 10000 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| ≥ 9000 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| ≥ 8000 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| ≥ 7000 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| ≥ 6000 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| ≥ 5000 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 4500 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 4000 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 3500 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 3000 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 2500 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 2000 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 1800 | 95.3 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 1500 | 95.3 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 1200 | 95.3 | 96.9 | 96.9 | 96.9 | 96.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 1000 | 95.3 | 96.9 | 96.9 | 96.9 | 96.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 900 | 95.3 | 96.9 | 96.9 | 96.9 | 96.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 800 | 95.3 | 96.9 | 96.9 | 96.9 | 96.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 700 | 95.3 | 96.9 | 96.9 | 96.9 | 96.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 600 | 95.3 | 96.9 | 96.9 | 96.9 | 96.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 500 | 95.3 | 96.9 | 96.9 | 96.9 | 96.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 95.3 | 96.9 | 96.9 | 96.9 | 96.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 95.3 | 96.9 | 96.9 | 96.9 | 96.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 95.3 | 96.9 | 96.9 | 96.9 | 96.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 95.3 | 96.9 | 96.9 | 96.9 | 96.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 95.3 | 96.9 | 96.9 | 96.9 | 96.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 64

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 75

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME74-76
YEARSJAN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)14
HOURS (L & T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 |
| ≥ 20000 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| IV 18000 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| IV 16000 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| IV 14000 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| IV 12000 | 65.6 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| IV 10000 | 65.6 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| IV 9000 | 65.6 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| IV 8000 | 65.6 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| IV 7000 | 65.6 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| IV 6000 | 65.6 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| IV 5000 | 85.9 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| IV 4500 | 87.5 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| IV 4000 | 87.5 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| IV 3500 | 87.5 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| IV 3000 | 87.5 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| IV 2500 | 87.5 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| IV 2000 | 92.2 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| IV 1800 | 92.2 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| IV 1500 | 93.8 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| IV 1200 | 93.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| IV 1000 | 93.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| IV 900 | 93.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| IV 800 | 93.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| IV 700 | 93.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| IV 600 | 93.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| IV 500 | 93.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| IV 400 | 93.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| IV 300 | 93.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| IV 200 | 93.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| IV 100 | 93.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| IV 0 | 93.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |

TOTAL NUMBER OF OBSERVATIONS 64

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME74-75
YEARSJAN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)17
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 27.3 | 27.3 | 27.3 | 27.3 | 27.3 | 27.3 | 27.3 | 27.3 | 27.3 | 27.3 | 27.3 | 27.3 | 27.3 | 27.3 | 27.3 | 27.3 |
| ≥ 20000 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 |
| IV 18000 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 |
| IV 16000 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 |
| IV 14000 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 |
| IV 12000 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| IV 10000 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| IV 9000 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| IV 8000 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| IV 7000 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| IV 6000 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| IV 5000 | 79.6 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| IV 4500 | 79.6 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| IV 4000 | 79.6 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| IV 3500 | 79.6 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| IV 3000 | 79.6 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| IV 2500 | 81.8 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| IV 2000 | 88.6 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| IV 1800 | 88.6 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| IV 1500 | 95.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 95.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 95.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 95.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 95.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 95.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 95.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 95.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 95.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 95.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 95.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 95.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 95.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

44

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

20
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-------|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| IV 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5/03 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

23
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME74-76
YEARSJAN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)ALL
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ⅓ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 |
| ≥ 20000 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 |
| IV 18000 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| IV 16000 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| IV 14000 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 |
| IV 12000 | 65.0 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| IV 10000 | 65.4 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| IV 9000 | 66.2 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| IV 8000 | 66.2 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| IV 7000 | 66.7 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| IV 6000 | 66.7 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| IV 5000 | 86.1 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| IV 4500 | 86.5 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| IV 4000 | 86.5 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| IV 3500 | 86.5 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| IV 3000 | 86.9 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| IV 2500 | 87.8 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| IV 2000 | 92.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| IV 1800 | 92.8 | 95.4 | 95.4 | 95.4 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| IV 1500 | 94.5 | 97.1 | 97.1 | 97.1 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| IV 1200 | 94.9 | 98.3 | 98.3 | 98.3 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 1000 | 94.9 | 98.3 | 98.3 | 98.3 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 900 | 94.9 | 98.3 | 98.3 | 98.3 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 800 | 94.9 | 98.3 | 98.3 | 98.3 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 700 | 94.9 | 98.3 | 98.3 | 98.3 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 600 | 94.9 | 98.3 | 98.3 | 98.3 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 500 | 94.9 | 98.3 | 98.3 | 98.3 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 |
| IV 400 | 94.9 | 98.3 | 98.3 | 98.3 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 |
| IV 300 | 94.9 | 98.3 | 98.3 | 98.3 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 |
| IV 200 | 94.9 | 98.3 | 98.3 | 98.3 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 |
| IV 100 | 94.9 | 98.3 | 98.3 | 98.3 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 |
| IV 0 | 94.9 | 98.3 | 98.3 | 98.3 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 237

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 76

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

02

HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| IV 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 70

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

FEB
MONTH

05
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| IV 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-76
YEARSFEB
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)08
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| ≥ 20000 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| IV 18000 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| IV 16000 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| IV 14000 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| IV 12000 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| IV 10000 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| IV 9000 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| IV 8000 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| IV 7000 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| IV 6000 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| IV 5000 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| IV 4500 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| IV 4000 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| IV 3500 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| IV 3000 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| IV 2500 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| IV 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 76

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-76
YEARSFEB
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)11
HOURS (L & T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 |
| ≥ 20000 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| IV 18000 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| IV 16000 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| IV 14000 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 12000 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| IV 10000 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| IV 9000 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| IV 8000 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| IV 7000 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| IV 6000 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| IV 5000 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| IV 4500 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| IV 4000 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| IV 3500 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| IV 3000 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| IV 2500 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| IV 2000 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| IV 1800 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| IV 1500 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 76

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-76
YEARSFEB
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)14
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ 0 |
| NO CEILING | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 |
| ≥ 20000 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| IV 18000 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| IV 16000 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| IV 14000 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| IV 12000 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| IV 10000 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| IV 9000 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| IV 8000 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| IV 7000 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| IV 6000 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| IV 5000 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| IV 4500 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| IV 4000 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| IV 3500 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| IV 3000 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| IV 2500 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| IV 2000 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| IV 1800 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| IV 1500 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 98.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 76

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 76

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSFEB
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)17
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 |
| ≥ 20000 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| IV 18000 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| IV 16000 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| IV 14000 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| IV 12000 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| IV 10000 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| IV 9000 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| IV 8000 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| IV 7000 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| IV 6000 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| IV 5000 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| IV 4500 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| IV 4000 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| IV 3500 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| IV 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

56

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 76

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

20
HOURS (L & T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-------|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| IV 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

23
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|-----|--------|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ ⅓ | ≥ 5/16 | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-76
YEARSFEB
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)ALL
HOURS (L & T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| ≥ 20000 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 |
| ≥ 18000 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 |
| ≥ 16000 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 |
| ≥ 14000 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 12000 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| ≥ 10000 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| ≥ 9000 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| ≥ 8000 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| ≥ 7000 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| ≥ 6000 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| ≥ 5000 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 4500 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 4000 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 3500 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 3000 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 2500 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 2000 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1800 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1500 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1200 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 1000 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 900 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 284

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

MAR
MONTH

02

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-------|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| 18000 | | | | | | | | | | | | | | | | |
| 16000 | | | | | | | | | | | | | | | | |
| 14000 | | | | | | | | | | | | | | | | |
| 12000 | | | | | | | | | | | | | | | | |
| 10000 | | | | | | | | | | | | | | | | |
| 9000 | | | | | | | | | | | | | | | | |
| 8000 | | | | | | | | | | | | | | | | |
| 7000 | | | | | | | | | | | | | | | | |
| 6000 | | | | | | | | | | | | | | | | |
| 5000 | | | | | | | | | | | | | | | | |
| 4500 | | | | | | | | | | | | | | | | |
| 4000 | | | | | | | | | | | | | | | | |
| 3500 | | | | | | | | | | | | | | | | |
| 3000 | | | | | | | | | | | | | | | | |
| 2500 | | | | | | | | | | | | | | | | |
| 2000 | | | | | | | | | | | | | | | | |
| 1800 | | | | | | | | | | | | | | | | |
| 1500 | | | | | | | | | | | | | | | | |
| 1200 | | | | | | | | | | | | | | | | |
| 1000 | | | | | | | | | | | | | | | | |
| 900 | | | | | | | | | | | | | | | | |
| 800 | | | | | | | | | | | | | | | | |
| 700 | | | | | | | | | | | | | | | | |
| 600 | | | | | | | | | | | | | | | | |
| 500 | | | | | | | | | | | | | | | | |
| 400 | | | | | | | | | | | | | | | | |
| 300 | | | | | | | | | | | | | | | | |
| 200 | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5/03 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

05
HOURS (L & T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSMAR
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)08
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 |
| ≥ 20000 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| IV 18000 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| IV 16000 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| IV 14000 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| IV 12000 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| IV 10000 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| IV 9000 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| IV 8000 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| IV 7000 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| IV 6000 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| IV 5000 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| IV 4500 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| IV 4000 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| IV 3500 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| IV 3000 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| IV 2500 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| IV 2000 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| IV 1800 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

64

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSMAR
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)11
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| ≥ 20000 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| IV 18000 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| IV 16000 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| IV 14000 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| IV 12000 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| IV 10000 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| IV 9000 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| IV 8000 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| IV 7000 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| IV 6000 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| IV 5000 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| IV 4500 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| IV 4000 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| IV 3500 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| IV 3000 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| IV 2500 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| IV 2000 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| IV 1800 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| IV 1500 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 1200 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

64

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSMAR
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)14
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 |
| ≥ 20000 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 |
| IN 18000 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| IN 16000 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 |
| IN 14000 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 |
| IN 12000 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| IN 10000 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| IN 9000 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| IN 8000 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| IN 7000 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| IN 6000 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 |
| IN 5000 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| IN 4500 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| IN 4000 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| IN 3500 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| IN 3000 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| IN 2500 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| IN 2000 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| IN 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IN 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 64

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 76

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSMAR
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)17
HOURS (L & T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 |
| ≥ 20000 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| IV 18000 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 |
| IV 16000 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| IV 14000 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 |
| IV 12000 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| IV 10000 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| IV 9000 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| IV 8000 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| IV 7000 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| IV 6000 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| IV 5000 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| IV 4500 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| IV 4000 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| IV 3500 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| IV 3000 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| IV 2500 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| IV 2000 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| IV 1800 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| IV 1500 | 96.9 | 96.9 | 96.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 1200 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 64

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

20
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING ≥ 20000 | | | | | | | | | | | | | | | | |
| ≥ 18000 16000 | | | | | | | | | | | | | | | | |
| ≥ 14000 12000 | | | | | | | | | | | | | | | | |
| ≥ 10000 9000 | | | | | | | | | | | | | | | | |
| ≥ 8000 7000 | | | | | | | | | | | | | | | | |
| ≥ 6000 5000 | | | | | | | | | | | | | | | | |
| ≥ 4500 4000 | | | | | | | | | | | | | | | | |
| ≥ 3500 3000 | | | | | | | | | | | | | | | | |
| ≥ 2500 2000 | | | | | | | | | | | | | | | | |
| ≥ 1800 1500 | | | | | | | | | | | | | | | | |
| ≥ 1200 1000 | | | | | | | | | | | | | | | | |
| ≥ 900 800 | | | | | | | | | | | | | | | | |
| ≥ 700 600 | | | | | | | | | | | | | | | | |
| ≥ 500 400 | | | | | | | | | | | | | | | | |
| ≥ 300 200 | | | | | | | | | | | | | | | | |
| ≥ 100 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

23
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| IV 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

HAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L & T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 |
| ≥ 20000 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| IV 18000 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 |
| IV 16000 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 |
| IV 14000 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 |
| IV 12000 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| IV 10000 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| IV 9000 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| IV 8000 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| IV 7000 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| IV 6000 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| IV 5000 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| IV 4500 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| IV 4000 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| IV 3500 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| IV 3000 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| IV 2500 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| IV 2000 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| IV 1800 | 98.1 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 1500 | 98.4 | 98.4 | 98.8 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV 1200 | 98.8 | 98.8 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 98.8 | 98.8 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 98.8 | 98.8 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 98.8 | 98.8 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 98.8 | 98.8 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 98.8 | 98.8 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 98.8 | 98.8 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 98.8 | 98.8 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 98.8 | 98.8 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 98.8 | 98.8 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 98.8 | 98.8 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 98.8 | 98.8 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 256

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

02
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| IV 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

05
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| IV 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSAPR
MONTH08
HOURS (L.S.T.)PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| ≥ 20000 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| IV 18000 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| IV 16000 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| IV 14000 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| IV 12000 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| IV 10000 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| IV 9000 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| IV 8000 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| IV 7000 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| IV 6000 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| IV 5000 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| IV 4500 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| IV 4000 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| IV 3500 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| IV 3000 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| IV 2500 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| IV 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

65

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSAPR
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)11
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 |
| ≥ 20000 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 |
| IV 18000 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| IV 16000 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| IV 14000 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 |
| IV 12000 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 |
| IV 10000 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 |
| IV 9000 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 |
| IV 8000 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 |
| IV 7000 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 |
| IV 6000 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 |
| IV 5000 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| IV 4500 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| IV 4000 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| IV 3500 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| IV 3000 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| IV 2500 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| IV 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 65

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 76

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSAPR
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)14
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 |
| ≥ 20000 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 |
| IV 18000 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 |
| IV 16000 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 |
| IV 14000 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| IV 12000 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| IV 10000 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| IV 9000 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| IV 8000 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| IV 7000 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| IV 6000 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| IV 5000 | 81.5 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| IV 4500 | 81.5 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| IV 4000 | 81.5 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| IV 3500 | 81.5 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| IV 3000 | 90.8 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| IV 2500 | 95.4 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| IV 2000 | 98.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 98.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 98.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 98.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 98.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 98.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 98.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 98.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 98.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 98.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 98.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 98.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 98.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 98.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 98.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 65

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSAPR
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)17
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 |
| ≥ 20000 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| IV 18000 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| IV 16000 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| IV 14000 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| IV 12000 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| IV 10000 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| IV 9000 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| IV 8000 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| IV 7000 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| IV 6000 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 |
| IV 5000 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| IV 4500 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| IV 4000 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| IV 3500 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| IV 3000 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| IV 2500 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| IV 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 65

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

20
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| IV 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

23
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| IV 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSAPR
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)ALL
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ 0 |
| NO CEILING | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 |
| ≥ 20000 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 |
| IV 18000 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 |
| IV 16000 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 |
| IV 14000 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 |
| IV 12000 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| IV 10000 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| IV 9000 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| IV 8000 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| IV 7000 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| IV 6000 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| IV 5000 | 88.9 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| IV 4500 | 88.9 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| IV 4000 | 88.9 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| IV 3500 | 88.9 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| IV 3000 | 93.1 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| IV 2500 | 96.9 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| IV 2000 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 260

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

02
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-------|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| IV 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 76

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

MAY
MONTH

05

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| IV 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

08
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 |
| ≥ 20000 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| IV 18000 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| IV 16000 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| IV 14000 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| IV 12000 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| IV 10000 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| IV 9000 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| IV 8000 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| IV 7000 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| IV 6000 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| IV 5000 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| IV 4500 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| IV 4000 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| IV 3500 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| IV 3000 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| IV 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 65

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSMAY
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)11
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 |
| ≥ 20000 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| IV 18000 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| IV 16000 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| IV 14000 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| IV 12000 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| IV 10000 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| IV 9000 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| IV 8000 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| IV 7000 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| IV 6000 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| IV 5000 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| IV 4500 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| IV 4000 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| IV 3500 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| IV 3000 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| IV 2500 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| IV 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

65

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSMAY
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)14
HOURS (L & T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 | 38.5 |
| ≥ 20000 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 |
| IV 18000 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 |
| IV 16000 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 |
| IV 14000 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 |
| IV 12000 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 |
| IV 10000 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 |
| IV 9000 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 |
| IV 8000 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 |
| IV 7000 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 |
| IV 6000 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 |
| IV 5000 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| IV 4500 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| IV 4000 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| IV 3500 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| IV 3000 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| IV 2500 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| IV 2000 | 98.5 | 98.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 98.5 | 98.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 98.5 | 98.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 98.5 | 98.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 98.5 | 98.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 98.5 | 98.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 98.5 | 98.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 98.5 | 98.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 98.5 | 98.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 98.5 | 98.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 98.5 | 98.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 98.5 | 98.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 98.5 | 98.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 98.5 | 98.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 98.5 | 98.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 65

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY, JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSMAY
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)17
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 |
| ≥ 20000 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 |
| IV 18000 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 |
| IV 16000 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 |
| IV 14000 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| IV 12000 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| IV 10000 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| IV 9000 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| IV 8000 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| IV 7000 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 |
| IV 6000 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 |
| IV 5000 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| IV 4500 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| IV 4000 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| IV 3500 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| IV 3000 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| IV 2500 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| IV 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 64

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

20
HOURS (L & T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| 18000 | | | | | | | | | | | | | | | | |
| 16000 | | | | | | | | | | | | | | | | |
| 14000 | | | | | | | | | | | | | | | | |
| 12000 | | | | | | | | | | | | | | | | |
| 10000 | | | | | | | | | | | | | | | | |
| 9000 | | | | | | | | | | | | | | | | |
| 8000 | | | | | | | | | | | | | | | | |
| 7000 | | | | | | | | | | | | | | | | |
| 6000 | | | | | | | | | | | | | | | | |
| 5000 | | | | | | | | | | | | | | | | |
| 4500 | | | | | | | | | | | | | | | | |
| 4000 | | | | | | | | | | | | | | | | |
| 3500 | | | | | | | | | | | | | | | | |
| 3000 | | | | | | | | | | | | | | | | |
| 2500 | | | | | | | | | | | | | | | | |
| 2000 | | | | | | | | | | | | | | | | |
| 1800 | | | | | | | | | | | | | | | | |
| 1500 | | | | | | | | | | | | | | | | |
| 1200 | | | | | | | | | | | | | | | | |
| 1000 | | | | | | | | | | | | | | | | |
| 900 | | | | | | | | | | | | | | | | |
| 800 | | | | | | | | | | | | | | | | |
| 700 | | | | | | | | | | | | | | | | |
| 600 | | | | | | | | | | | | | | | | |
| 500 | | | | | | | | | | | | | | | | |
| 400 | | | | | | | | | | | | | | | | |
| 300 | | | | | | | | | | | | | | | | |
| 200 | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5/03 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

23

HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 IV 800 | | | | | | | | | | | | | | | | |
| IV 700 IV 600 | | | | | | | | | | | | | | | | |
| IV 500 IV 400 | | | | | | | | | | | | | | | | |
| IV 300 IV 200 | | | | | | | | | | | | | | | | |
| IV 100 IV 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSMAY
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)ALL
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 |
| ≥ 20000 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 |
| IV 18000 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 |
| IV 16000 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 |
| IV 14000 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| IV 12000 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| IV 10000 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| IV 9000 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| IV 8000 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| IV 7000 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 |
| IV 6000 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 |
| IV 5000 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| IV 4500 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| IV 4000 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| IV 3500 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| IV 3000 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| IV 2500 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| IV 2000 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 259

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 76

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

02
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-------|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| IV 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

05
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| IV 20000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| IV 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSJUN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)08
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| ≥ 20000 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| IV 18000 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| IV 16000 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| IV 14000 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| IV 12000 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| IV 10000 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| IV 9000 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| IV 8000 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| IV 7000 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| IV 6000 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| IV 5000 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| IV 4500 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 4000 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 3500 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 3000 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 2500 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

62

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ 0 |
| NO CEILING | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| ≥ 20000 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| IV 18000 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| IV 16000 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| IV 14000 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 |
| IV 12000 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 |
| IV 10000 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 |
| IV 9000 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| IV 8000 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| IV 7000 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| IV 6000 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| IV 5000 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| IV 4500 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| IV 4000 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| IV 3500 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| IV 3000 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| IV 2500 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| IV 2000 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| IV 1800 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 62

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

14
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 30.7 | 30.7 | 30.7 | 30.7 | 30.7 | 30.7 | 30.7 | 30.7 | 30.7 | 30.7 | 30.7 | 30.7 | 30.7 | 30.7 | 30.7 | 30.7 |
| ≥ 20000 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| IV 18000 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 |
| IV 16000 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 |
| IV 14000 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 |
| IV 12000 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 |
| IV 10000 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 |
| IV 9000 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 |
| IV 8000 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 |
| IV 7000 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 |
| IV 6000 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 |
| IV 5000 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| IV 4500 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| IV 4000 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| IV 3500 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| IV 3000 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| IV 2500 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| IV 2000 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 62

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

17
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 |
| ≥ 20000 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 |
| IV 18000 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| IV 16000 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| IV 14000 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| IV 12000 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| IV 10000 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| IV 9000 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| IV 8000 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| IV 7000 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| IV 6000 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| IV 5000 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| IV 4500 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| IV 4000 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| IV 3500 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| IV 3000 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| IV 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 61

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

20
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

23
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-------|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSJUN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)ALL
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 |
| ≥ 20000 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 |
| IV 18000 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| IV 16000 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| IV 14000 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| IV 12000 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| IV 10000 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| IV 9000 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| IV 8000 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| IV 7000 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| IV 6000 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| IV 5000 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| IV 4500 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| IV 4000 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| IV 3500 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| IV 3000 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| IV 2500 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| IV 2000 | 98.8 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV 1800 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 247

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

02
HOURS (L & T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 16000 | | | | | | | | | | | | | | | | |
| IV 14000 12000 | | | | | | | | | | | | | | | | |
| IV 10000 9000 | | | | | | | | | | | | | | | | |
| IV 8000 7000 | | | | | | | | | | | | | | | | |
| IV 6000 5000 | | | | | | | | | | | | | | | | |
| IV 4500 4000 | | | | | | | | | | | | | | | | |
| IV 3500 3000 | | | | | | | | | | | | | | | | |
| IV 2500 2000 | | | | | | | | | | | | | | | | |
| IV 1800 1500 | | | | | | | | | | | | | | | | |
| IV 1200 1000 | | | | | | | | | | | | | | | | |
| IV 900 800 | | | | | | | | | | | | | | | | |
| IV 700 600 | | | | | | | | | | | | | | | | |
| IV 500 400 | | | | | | | | | | | | | | | | |
| IV 300 200 | | | | | | | | | | | | | | | | |
| IV 100 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

JUL
MONTH

05
HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

08
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 20000 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| IV 18000 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| IV 16000 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| IV 14000 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| IV 12000 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| IV 10000 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| IV 9000 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| IV 8000 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| IV 7000 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| IV 6000 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| IV 5000 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| IV 4500 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 4000 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 3500 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 3000 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 2500 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 64

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

11
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥ 20000 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 18000 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 16000 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 14000 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 12000 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 10000 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| IV 9000 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| IV 8000 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| IV 7000 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| IV 6000 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| IV 5000 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| IV 4500 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 4000 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 3500 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 64

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSJUL
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)14
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 20000 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| IV 18000 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| IV 16000 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| IV 14000 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| IV 12000 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| IV 10000 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| IV 9000 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| IV 8000 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| IV 7000 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| IV 6000 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| IV 5000 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| IV 4500 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| IV 4000 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| IV 3500 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| IV 3000 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| IV 2500 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| IV 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 64

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 76

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-74
YEARSJUL
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)17
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 |
| ≥ 20000 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| IV 18000 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| IV 16000 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| IV 14000 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| IV 12000 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| IV 10000 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| IV 9000 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| IV 8000 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| IV 7000 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| IV 6000 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| IV 5000 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| IV 4500 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| IV 4000 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| IV 3500 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| IV 3000 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| IV 2500 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| IV 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 43

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

20
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 IV 800 | | | | | | | | | | | | | | | | |
| IV 700 IV 600 | | | | | | | | | | | | | | | | |
| IV 500 IV 400 | | | | | | | | | | | | | | | | |
| IV 300 IV 200 | | | | | | | | | | | | | | | | |
| IV 100 IV 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

23

HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-----|--|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 0 | |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| IV 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSJUL
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)ALL
HOURS (L S Y)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| ≥ 20000 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| IV 18000 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| IV 16000 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| IV 14000 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| IV 12000 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| IV 10000 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| IV 9000 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| IV 8000 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| IV 7000 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| IV 6000 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| IV 5000 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| IV 4500 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| IV 4000 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| IV 3500 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| IV 3000 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| IV 2500 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| IV 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 235

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

02
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| IV 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

05
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| IV 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 76

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSAUG
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)08
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ 0 |
| NO CEILING | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| ≥ 20000 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| IV 18000 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| IV 16000 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| IV 14000 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| IV 12000 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| IV 10000 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| IV 9000 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| IV 8000 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| IV 7000 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| IV 6000 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| IV 5000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 4500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 66

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

2

1118 5437

725

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

11
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 |
| ≥ 20000 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| IV 18000 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| IV 16000 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| IV 14000 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| IV 12000 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| IV 10000 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| IV 9000 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| IV 8000 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| IV 7000 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| IV 6000 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| IV 5000 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| IV 4500 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| IV 4000 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| IV 3500 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| IV 3000 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| IV 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 66

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSAUG
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)14
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 |
| ≥ 20000 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 |
| IV 18000 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 |
| IV 16000 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 |
| IV 14000 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 |
| IV 12000 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 |
| IV 10000 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 |
| IV 9000 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 |
| IV 8000 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 |
| IV 7000 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| IV 6000 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| IV 5000 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| IV 4500 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| IV 4000 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| IV 3500 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| IV 3000 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| IV 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 66

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 73

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-74
YEARSAUG
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)17
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 |
| IV 20000 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 |
| IV 18000 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 |
| IV 16000 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 |
| IV 14000 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 |
| IV 12000 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 |
| IV 10000 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 |
| IV 9000 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 |
| IV 8000 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| IV 7000 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| IV 6000 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| IV 5000 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| IV 4500 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| IV 4000 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| IV 3500 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| IV 3000 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| IV 2500 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| IV 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 45

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

20
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| IV 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

23
HOURS (L & T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| IV 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5/03 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSAUG
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)ALL
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 |
| ≥ 20000 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| IV 18000 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 |
| IV 16000 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| IV 14000 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 |
| IV 12000 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| IV 10000 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| IV 9000 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| IV 8000 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| IV 7000 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| IV 6000 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| IV 5000 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| IV 4500 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| IV 4000 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| IV 3500 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| IV 3000 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| IV 2500 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 243

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

02
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|-----|--------|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ ⅓ | ≥ 5/16 | ≥ ¼ |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| IV 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

05
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING ≥ 20000 | | | | | | | | | | | | | | | | |
| ≥ 18000 | | | | | | | | | | | | | | | | |
| ≥ 16000 | | | | | | | | | | | | | | | | |
| ≥ 14000 | | | | | | | | | | | | | | | | |
| ≥ 12000 | | | | | | | | | | | | | | | | |
| ≥ 10000 | | | | | | | | | | | | | | | | |
| ≥ 9000 | | | | | | | | | | | | | | | | |
| ≥ 8000 | | | | | | | | | | | | | | | | |
| ≥ 7000 | | | | | | | | | | | | | | | | |
| ≥ 6000 | | | | | | | | | | | | | | | | |
| ≥ 5000 | | | | | | | | | | | | | | | | |
| ≥ 4500 | | | | | | | | | | | | | | | | |
| ≥ 4000 | | | | | | | | | | | | | | | | |
| ≥ 3500 | | | | | | | | | | | | | | | | |
| ≥ 3000 | | | | | | | | | | | | | | | | |
| ≥ 2500 | | | | | | | | | | | | | | | | |
| ≥ 2000 | | | | | | | | | | | | | | | | |
| ≥ 1800 | | | | | | | | | | | | | | | | |
| ≥ 1500 | | | | | | | | | | | | | | | | |
| ≥ 1200 | | | | | | | | | | | | | | | | |
| ≥ 1000 | | | | | | | | | | | | | | | | |
| ≥ 900 | | | | | | | | | | | | | | | | |
| ≥ 800 | | | | | | | | | | | | | | | | |
| ≥ 700 | | | | | | | | | | | | | | | | |
| ≥ 600 | | | | | | | | | | | | | | | | |
| ≥ 500 | | | | | | | | | | | | | | | | |
| ≥ 400 | | | | | | | | | | | | | | | | |
| ≥ 300 | | | | | | | | | | | | | | | | |
| ≥ 200 | | | | | | | | | | | | | | | | |
| ≥ 100 | | | | | | | | | | | | | | | | |
| ≥ 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

AD-A067 677

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS). BARKING--ETC(U)
JUL 78

F/6 4/2

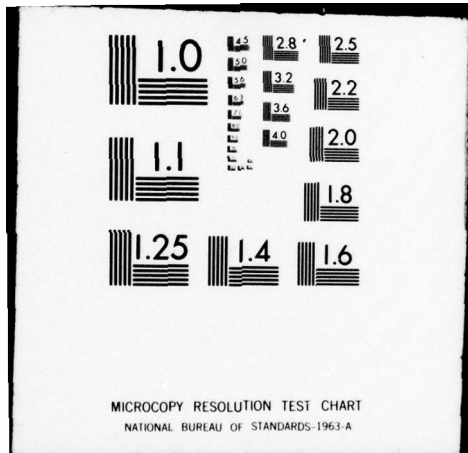
UNCLASSIFIED

NL

3 OF 4

AD
A0676 7





NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

08
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 20000 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| IV 18000 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| IV 16000 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| IV 14000 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| IV 12000 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| IV 10000 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| IV 9000 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| IV 8000 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| IV 7000 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| IV 6000 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| IV 5000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 4500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 60

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSSEP
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)11
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 | |
| NO CEILING | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| ≥ 20000 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 18000 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 16000 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 14000 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 12000 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| IV 10000 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| IV 9000 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| IV 8000 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| IV 7000 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| IV 6000 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| IV 5000 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| IV 4500 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| IV 4000 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| IV 3500 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| IV 3000 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| IV 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 60

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

14
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 |
| ≥ 20000 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| IV 18000 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 |
| IV 16000 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 |
| IV 14000 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 |
| IV 12000 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| IV 10000 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| IV 9000 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| IV 8000 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| IV 7000 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| IV 6000 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| IV 5000 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| IV 4500 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| IV 4000 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| IV 3500 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| IV 3000 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| IV 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 60

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-74
YEARSSEP
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)17
HOURS (L & T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/32 | ≥ 0 |
| NO CEILING | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 |
| ≥ 20000 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 |
| IV 18000 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| IV 16000 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| IV 14000 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| IV 12000 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| IV 10000 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| IV 9000 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| IV 8000 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| IV 7000 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| IV 6000 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| IV 5000 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| IV 4500 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| IV 4000 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| IV 3500 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| IV 3000 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| IV 2500 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| IV 2000 | 97.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 97.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 97.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 97.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 97.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 97.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 97.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 97.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 97.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 97.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 97.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 97.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 97.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 97.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 97.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 38

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

20
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| IV 20000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| IV 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

23
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-------|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| IV 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSSEP
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)ALL
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥ 20000 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| IV 18000 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 |
| IV 16000 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 |
| IV 14000 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 |
| IV 12000 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| IV 10000 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| IV 9000 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| IV 8000 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| IV 7000 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| IV 6000 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| IV 5000 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| IV 4500 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| IV 4000 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| IV 3500 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| IV 3000 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| IV 2500 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 2000 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 218

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

OCT
MONTH

02
HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

OCT
MONTH

05
HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| IV 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

UCT
MONTH

08
HOURS (L & T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 20000 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| IV 18000 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| IV 16000 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| IV 14000 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| IV 12000 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| IV 10000 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| IV 9000 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| IV 8000 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| IV 7000 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| IV 6000 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| IV 5000 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 4500 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 4000 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 3500 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 3000 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 2500 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 2000 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 63

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSOCT
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)11
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| ≥ 20000 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| IV 18000 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| IV 16000 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| IV 14000 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| IV 12000 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| IV 10000 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| IV 9000 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| IV 8000 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| IV 7000 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| IV 6000 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| IV 5000 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 4500 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 4000 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 3500 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| IV 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

63

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSOCT
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)14
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| ≥ 20000 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 |
| IV 18000 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 |
| IV 16000 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 |
| IV 14000 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 |
| IV 12000 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 |
| IV 10000 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 |
| IV 9000 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 |
| IV 8000 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 |
| IV 7000 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 |
| IV 6000 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 |
| IV 5000 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| IV 4500 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| IV 4000 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| IV 3500 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| IV 3000 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| IV 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 63

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-74
YEARSOCT
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)17
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 |
| ≥ 20000 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| IV 18000 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| IV 16000 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| IV 14000 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| IV 12000 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| IV 10000 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| IV 9000 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| IV 8000 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| IV 7000 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| IV 6000 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| IV 5000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 4500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 42

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

20
HOURS (L & T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| IV 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

23
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-----------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 IV 800 | | | | | | | | | | | | | | | | |
| IV 700 IV 600 | | | | | | | | | | | | | | | | |
| IV 500 IV 400 | | | | | | | | | | | | | | | | |
| IV 300 IV 200 | | | | | | | | | | | | | | | | |
| IV 100 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSOCT
MONTHALL
HOURS (L S T)PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥ 20000 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| IV 18000 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| IV 16000 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| IV 14000 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| IV 12000 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| IV 10000 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| IV 9000 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| IV 8000 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| IV 7000 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| IV 6000 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| IV 5000 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| IV 4500 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| IV 4000 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| IV 3500 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| IV 3000 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| IV 2500 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| IV 2000 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 231

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

02
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|-----|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ ⅓ | ≥ ⅕ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| IV 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

05
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| IV 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSNOV
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)08
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| ≥ 20000 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| IV 18000 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 16000 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 14000 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| IV 12000 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| IV 10000 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| IV 9000 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| IV 8000 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| IV 7000 | 81.0 | 81.0 | 81.0 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| IV 6000 | 81.0 | 81.0 | 81.0 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| IV 5000 | 93.1 | 94.8 | 94.8 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| IV 4500 | 93.1 | 94.8 | 94.8 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| IV 4000 | 93.1 | 94.8 | 94.8 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| IV 3500 | 93.1 | 94.8 | 94.8 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| IV 3000 | 93.1 | 94.8 | 94.8 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| IV 2500 | 94.8 | 96.6 | 96.6 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| IV 2000 | 94.8 | 98.3 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 94.8 | 98.3 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 94.8 | 98.3 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 94.8 | 98.3 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 94.8 | 98.3 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 94.8 | 98.3 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 94.8 | 98.3 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 94.8 | 98.3 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 94.8 | 98.3 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 94.8 | 98.3 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 94.8 | 98.3 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 94.8 | 98.3 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 94.8 | 98.3 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 94.8 | 98.3 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 94.8 | 98.3 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 58

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSNOV
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)11
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 |
| ≥ 20000 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| IV 18000 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| IV 16000 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| IV 14000 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 12000 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 10000 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| IV 9000 | 77.6 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| IV 8000 | 77.6 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| IV 7000 | 77.6 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| IV 6000 | 77.6 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| IV 5000 | 89.7 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| IV 4500 | 89.7 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| IV 4000 | 89.7 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| IV 3500 | 89.7 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| IV 3000 | 89.7 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| IV 2500 | 93.1 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| IV 2000 | 94.8 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| IV 1800 | 94.8 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| IV 1500 | 96.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 96.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 96.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 96.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 96.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 96.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 96.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 96.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 96.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 96.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 96.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 96.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 96.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 58

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSNOV
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)14
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 20000 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| IV 18000 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| IV 16000 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| IV 14000 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| IV 12000 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| IV 10000 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| IV 9000 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| IV 8000 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| IV 7000 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| IV 6000 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| IV 5000 | 84.5 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| IV 4500 | 84.5 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| IV 4000 | 84.5 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| IV 3500 | 84.5 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| IV 3000 | 86.2 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| IV 2500 | 86.2 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| IV 2000 | 89.7 | 91.4 | 91.4 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| IV 1800 | 89.7 | 91.4 | 91.4 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| IV 1500 | 91.4 | 93.1 | 93.1 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| IV 1200 | 93.1 | 94.8 | 94.8 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| IV 1000 | 93.1 | 94.8 | 94.8 | 96.6 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 93.1 | 94.8 | 94.8 | 96.6 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 93.1 | 94.8 | 94.8 | 96.6 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 93.1 | 94.8 | 94.8 | 96.6 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 93.1 | 94.8 | 94.8 | 96.6 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 93.1 | 94.8 | 94.8 | 96.6 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 93.1 | 94.8 | 94.8 | 96.6 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 93.1 | 94.8 | 94.8 | 96.6 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 93.1 | 94.8 | 94.8 | 96.6 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 93.1 | 94.8 | 94.8 | 96.6 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 93.1 | 94.8 | 94.8 | 96.6 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 58

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 76

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-74
YEARSNOV
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)17
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 |
| ≥ 20000 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| IV 18000 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| IV 16000 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| IV 14000 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| IV 12000 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| IV 10000 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| IV 9000 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| IV 8000 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| IV 7000 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| IV 6000 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| IV 5000 | 87.2 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| IV 4500 | 87.2 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| IV 4000 | 87.2 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| IV 3500 | 87.2 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| IV 3000 | 89.7 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| IV 2500 | 94.9 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| IV 2000 | 94.9 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| IV 1800 | 94.9 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| IV 1500 | 94.9 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| IV 1200 | 94.9 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| IV 1000 | 94.9 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| IV 900 | 94.9 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| IV 800 | 94.9 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 100.0 | 100.0 | 100.0 |
| IV 700 | 94.9 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 100.0 | 100.0 | 100.0 |
| IV 600 | 94.9 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 100.0 | 100.0 | 100.0 |
| IV 500 | 94.9 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 100.0 | 100.0 | 100.0 |
| IV 400 | 94.9 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 100.0 | 100.0 | 100.0 |
| IV 300 | 94.9 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 100.0 | 100.0 | 100.0 |
| IV 200 | 94.9 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 100.0 | 100.0 | 100.0 |
| IV 100 | 94.9 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 100.0 | 100.0 | 100.0 |
| IV 0 | 94.9 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 39

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

20
HOURS (L S Y)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| IV 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

NOV
MONTH

23

HOURS (L & T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-------|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| IV 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSNOV
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)ALL
HOURS (L.S.T.)

5703 CEILING VERSUS VISIBILITY JAN 73

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 |
| ≥ 20000 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| IV 18000 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| IV 16000 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| IV 14000 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| IV 12000 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| IV 10000 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| IV 9000 | 73.2 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| IV 8000 | 73.2 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| IV 7000 | 73.2 | 73.7 | 73.7 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| IV 6000 | 73.2 | 73.7 | 73.7 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| IV 5000 | 88.7 | 90.6 | 90.6 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| IV 4500 | 88.7 | 90.6 | 90.6 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| IV 4000 | 88.7 | 90.6 | 90.6 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| IV 3500 | 88.7 | 90.6 | 90.6 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| IV 3000 | 89.7 | 91.6 | 91.6 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| IV 2500 | 92.0 | 93.9 | 93.9 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| IV 2000 | 93.4 | 95.8 | 95.8 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| IV 1800 | 93.4 | 95.8 | 95.8 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| IV 1500 | 94.4 | 97.2 | 97.2 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| IV 1200 | 94.8 | 97.7 | 97.7 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| IV 1000 | 94.8 | 97.7 | 97.7 | 98.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 900 | 94.8 | 97.7 | 97.7 | 98.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 800 | 94.8 | 97.7 | 97.7 | 98.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 700 | 94.8 | 97.7 | 97.7 | 98.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 600 | 94.8 | 97.7 | 97.7 | 98.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 500 | 94.8 | 97.7 | 97.7 | 98.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 400 | 94.8 | 97.7 | 97.7 | 98.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 300 | 94.8 | 97.7 | 97.7 | 98.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 200 | 94.8 | 97.7 | 97.7 | 98.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 100 | 94.8 | 97.7 | 97.7 | 98.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| IV 0 | 94.8 | 97.7 | 97.7 | 98.6 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |

TOTAL NUMBER OF OBSERVATIONS 213

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

02
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-------|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 1/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| IV 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5/03 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

DEC
MONTH

05
HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| IV 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

08
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| ≥ 20000 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| IV 18000 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| IV 16000 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| IV 14000 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| IV 12000 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| IV 10000 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| IV 9000 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| IV 8000 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| IV 7000 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| IV 6000 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| IV 5000 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| IV 4500 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| IV 4000 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| IV 3500 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| IV 3000 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| IV 2500 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| IV 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 60

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSDEC
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)11
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| ≥ 20000 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| IV 18000 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| IV 16000 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| IV 14000 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| IV 12000 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| IV 10000 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| IV 9000 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| IV 8000 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| IV 7000 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| IV 6000 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| IV 5000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 4500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 60

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 76

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

14
HOURS (L & T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ 1/8 | ≥ 0 |
| NO CEILING | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| IV 20000 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| IV 18000 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| IV 16000 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| IV 14000 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 12000 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 10000 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 9000 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 8000 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 7000 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 6000 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| IV 5000 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| IV 4500 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| IV 4000 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| IV 3500 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| IV 3000 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| IV 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 58

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-74
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

17
HOURS (L & T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| ≥ 20000 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| IV 18000 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| IV 16000 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| IV 14000 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| IV 12000 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| IV 10000 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| IV 9000 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| IV 8000 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| IV 7000 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| IV 6000 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| IV 5000 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| IV 4500 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| IV 4000 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| IV 3500 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| IV 3000 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| IV 2500 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| IV 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 36

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 70

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

20
HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 26000 | | | | | | | | | | | | | | | | |
| IV 18000 | | | | | | | | | | | | | | | | |
| IV 16000 | | | | | | | | | | | | | | | | |
| IV 14000 | | | | | | | | | | | | | | | | |
| IV 12000 | | | | | | | | | | | | | | | | |
| IV 10000 | | | | | | | | | | | | | | | | |
| IV 9000 | | | | | | | | | | | | | | | | |
| IV 8000 | | | | | | | | | | | | | | | | |
| IV 7000 | | | | | | | | | | | | | | | | |
| IV 6000 | | | | | | | | | | | | | | | | |
| IV 5000 | | | | | | | | | | | | | | | | |
| IV 4500 | | | | | | | | | | | | | | | | |
| IV 4000 | | | | | | | | | | | | | | | | |
| IV 3500 | | | | | | | | | | | | | | | | |
| IV 3000 | | | | | | | | | | | | | | | | |
| IV 2500 | | | | | | | | | | | | | | | | |
| IV 2000 | | | | | | | | | | | | | | | | |
| IV 1800 | | | | | | | | | | | | | | | | |
| IV 1500 | | | | | | | | | | | | | | | | |
| IV 1200 | | | | | | | | | | | | | | | | |
| IV 1000 | | | | | | | | | | | | | | | | |
| IV 900 | | | | | | | | | | | | | | | | |
| IV 800 | | | | | | | | | | | | | | | | |
| IV 700 | | | | | | | | | | | | | | | | |
| IV 600 | | | | | | | | | | | | | | | | |
| IV 500 | | | | | | | | | | | | | | | | |
| IV 400 | | | | | | | | | | | | | | | | |
| IV 300 | | | | | | | | | | | | | | | | |
| IV 200 | | | | | | | | | | | | | | | | |
| IV 100 | | | | | | | | | | | | | | | | |
| IV 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

23
HOURS (L & T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-----|-----|-----|-----|------|-----|------|------|-----|-----|-----|-----|--------|-----|-----|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| ≥ 18000 | | | | | | | | | | | | | | | | |
| ≥ 16000 | | | | | | | | | | | | | | | | |
| ≥ 14000 | | | | | | | | | | | | | | | | |
| ≥ 12000 | | | | | | | | | | | | | | | | |
| ≥ 10000 | | | | | | | | | | | | | | | | |
| ≥ 9000 | | | | | | | | | | | | | | | | |
| ≥ 8000 | | | | | | | | | | | | | | | | |
| ≥ 7000 | | | | | | | | | | | | | | | | |
| ≥ 6000 | | | | | | | | | | | | | | | | |
| ≥ 5000 | | | | | | | | | | | | | | | | |
| ≥ 4500 | | | | | | | | | | | | | | | | |
| ≥ 4000 | | | | | | | | | | | | | | | | |
| ≥ 3500 | | | | | | | | | | | | | | | | |
| ≥ 3000 | | | | | | | | | | | | | | | | |
| ≥ 2500 | | | | | | | | | | | | | | | | |
| ≥ 2000 | | | | | | | | | | | | | | | | |
| ≥ 1800 | | | | | | | | | | | | | | | | |
| ≥ 1500 | | | | | | | | | | | | | | | | |
| ≥ 1200 | | | | | | | | | | | | | | | | |
| ≥ 1000 | | | | | | | | | | | | | | | | |
| ≥ 900 | | | | | | | | | | | | | | | | |
| ≥ 800 | | | | | | | | | | | | | | | | |
| ≥ 700 | | | | | | | | | | | | | | | | |
| ≥ 600 | | | | | | | | | | | | | | | | |
| ≥ 500 | | | | | | | | | | | | | | | | |
| ≥ 400 | | | | | | | | | | | | | | | | |
| ≥ 300 | | | | | | | | | | | | | | | | |
| ≥ 200 | | | | | | | | | | | | | | | | |
| ≥ 100 | | | | | | | | | | | | | | | | |
| ≥ 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-75
YEARSDEC
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)ALL
HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 |
| ≥ 20000 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| IV 18000 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| IV 16000 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| IV 14000 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| IV 12000 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| IV 10000 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| IV 9000 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| IV 8000 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| IV 7000 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| IV 6000 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| IV 5000 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| IV 4500 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| IV 4000 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| IV 3500 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| IV 3000 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| IV 2500 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| IV 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| IV 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 214

DIRNAVOCEANMET SMOS

5703 CEILING VERSUS VISIBILITY JAN 78

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22501
STATIONBARKING SANDS, HAWAII
STATION NAME73-76
YEARSALL
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)ALL
HOURS (L & T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|-------------------|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------|------|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 |
| ≥ 20000 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 |
| IV 18000 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| IV 16000 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| IV 14000 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| IV 12000 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 |
| IV 10000 | 70.9 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| IV 9000 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 |
| IV 8000 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| IV 7000 | 71.2 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| IV 6000 | 71.4 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 |
| IV 5000 | 92.9 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| IV 4500 | 93.0 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| IV 4000 | 93.0 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| IV 3500 | 93.0 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| IV 3000 | 94.8 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| IV 2500 | 96.7 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| IV 2000 | 98.2 | 98.6 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| IV 1800 | 98.5 | 99.0 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| IV 1500 | 98.8 | 99.3 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| IV 1200 | 98.9 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 1000 | 98.9 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 900 | 98.9 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 800 | 98.9 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 700 | 98.9 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 600 | 98.9 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 500 | 98.9 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 400 | 98.9 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 300 | 98.9 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 200 | 98.9 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 100 | 98.9 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| IV 0 | 98.9 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |

TOTAL NUMBER OF OBSERVATIONS 2897

DIRNAVOCEANMET SMOS

5/03 CEILING VERSUS VISIBILITY JAN 76

SKY COVER

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

74-76
PERIOD

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|--------|-------------------|---|------|------|-----|-----|-----|-----|-----|-----|------|------|--------------------------------|-------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JAN | 02 | | | | | | | | | | | | | |
| | 05 | | | | | | | | | | | | | |
| | 08 | 40.0 | 4.6 | 3.1 | 4.6 | | | | 4.0 | 7.7 | 6.2 | 29.2 | 4.7 | 65 |
| | 11 | 39.1 | 4.7 | 4.7 | 4.7 | 1.6 | 1.6 | 3.1 | 1.0 | 3.1 | 4.7 | 31.3 | 4.5 | 64 |
| | 14 | 9.4 | 7.8 | 14.1 | 3.1 | 9.4 | 6.3 | 6.3 | 7.8 | 1.6 | 1.6 | 32.8 | 5.6 | 64 |
| | 17 | 9.1 | 13.6 | 2.3 | 2.3 | | | 6.8 | 6.8 | 6.8 | 13.6 | 38.6 | 6.8 | 44 |
| | 20 | | | | | | | | | | | | | |
| | 23 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 24.4 | 7.7 | 6.1 | 3.7 | 2.8 | 2.0 | 4.1 | 5.2 | 4.8 | 6.5 | 32.0 | 5.4 | 237 |

NAVWEASERVCOM

5704 SKY COVER JAN 68

SKY COVER

22501 BARKING SANDS, HAWAII
STATION STATION NAME

73-76

PERIOD

FEB
MONTI

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|-------------------|---|------|------|-----|-----|-----|-----|-----|-----|------|--------------------------------|-------------------------|-----|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| FEB | 02 | | | | | | | | | | | | | |
| | 05 | | | | | | | | | | | | | |
| | 08 | 35.5 | 7.9 | 2.6 | 9.2 | 2.6 | 2.6 | 3.9 | 1.3 | 1.3 | 6.6 | 26.3 | 4.3 | 76 |
| | 11 | 21.1 | 13.2 | 5.3 | 9.2 | 2.6 | 1.3 | 1.3 | 6.6 | 6.6 | 9.2 | 23.7 | 4.9 | 76 |
| | 14 | 14.5 | 11.8 | 5.3 | 5.3 | 9.2 | 1.3 | 5.3 | 5.3 | 5.3 | 10.5 | 26.3 | 5.5 | 76 |
| | 17 | 28.6 | 12.5 | 12.5 | 1.8 | 5.4 | 3.6 | 3.6 | 5.4 | | 14.3 | 12.5 | 3.9 | 56 |
| | 20 | | | | | | | | | | | | | |
| | 23 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 24.9 | 11.4 | 6.4 | 6.4 | 5.0 | 2.2 | 3.5 | 4.7 | 3.3 | 10.2 | 22.2 | 4.7 | 284 |

5704 SKY COVER JAN 68

NAVWEASERVCOM

SKY COVER

22501 BARKING SANDS, HAWAII
STATION STATION NAME

73-75

PERIOD

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|--------|-------------------|---|-----|-----|-----|------|-----|-----|-----|-----|------|------|--------------------------------|-------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| APR | 02 | | | | | | | | | | | | | |
| | 05 | | | | | | | | | | | | | |
| | 08 | 35.4 | 9.2 | 4.6 | 4.6 | 3.1 | 3.1 | | 6.2 | 4.6 | 4.6 | 24.6 | 4.3 | 65 |
| | 11 | 9.2 | 9.2 | 1.5 | 4.6 | 6.2 | 3.1 | 6.2 | 9.2 | 6.2 | 10.8 | 33.8 | 6.5 | 65 |
| | 14 | 6.2 | 9.2 | 7.7 | 3.1 | 6.2 | 1.5 | 4.6 | 7.7 | 7.7 | 12.3 | 33.8 | 6.6 | 65 |
| | 17 | 7.7 | 7.7 | 4.6 | 6.2 | 10.8 | 4.6 | 3.1 | 3.1 | 4.6 | 7.7 | 40.0 | 6.5 | 65 |
| | 20 | | | | | | | | | | | | | |
| | 23 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 14.6 | 8.8 | 4.6 | 4.6 | 6.6 | 3.1 | 3.5 | 6.6 | 5.8 | 8.9 | 33.1 | 6.0 | 260 |

5704 SKY COVER JAN 68

NAVWEASERVCOM

SKY COVER

22501 BARKING SANDS, HAWAII
STATION STATION NAME

73-75

PERIOD

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|--------|-------------------|---|------|-----|-----|-----|-----|------|------|------|------|------|--------------------------------|-------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JUN | 02 | | | | | | | | | | | | | |
| | 05 | | | | | | | | | | | | | |
| | 08 | 33.9 | 8.1 | 3.2 | 1.6 | 3.2 | 6.5 | 3.2 | | 3.2 | 9.7 | 27.4 | 4.7 | 62 |
| | 11 | 3.2 | 19.4 | 3.2 | 9.7 | 1.6 | 1.6 | 4.8 | 9.7 | 6.5 | 12.9 | 27.4 | 6.1 | 62 |
| | 14 | | 14.5 | 3.2 | 4.8 | 4.8 | | 8.1 | 6.1 | 11.3 | 8.1 | 37.1 | 6.9 | 62 |
| | 17 | 4.9 | 4.9 | 6.6 | 9.8 | 3.3 | 4.9 | 11.5 | 11.5 | 6.6 | 4.9 | 31.1 | 6.4 | 61 |
| | 20 | | | | | | | | | | | | | |
| | 23 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 10.5 | 11.7 | 4.1 | 6.5 | 3.2 | 3.3 | 6.9 | 7.3 | 6.9 | 8.9 | 30.8 | 6.0 | 247 |

NAVWEASERVCOM

5704 SKY COVER JAN 68

d

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. | |
|--------|-------------------|---|------|-----|------|-----|-----|-----|-----|-----|------|--------------------------------|-------------------------|-----|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| JUL | 02 | | | | | | | | | | | | | |
| | 05 | | | | | | | | | | | | | |
| | 08 | 65.6 | 9.4 | 1.6 | 4.7 | | | 1.6 | 1.6 | 4.7 | 4.7 | 6.3 | 1.9 | 64 |
| | 11 | 21.9 | 21.9 | 9.4 | 7.8 | 4.7 | 1.6 | 9.4 | | 4.7 | 6.3 | 12.5 | 3.7 | 64 |
| | 14 | 7.8 | 31.3 | 7.8 | 10.9 | 1.6 | | 4.7 | 4.7 | 6.3 | 14.1 | 10.9 | 4.3 | 64 |
| | 17 | 14.0 | 18.6 | 9.3 | 7.0 | 4.7 | 2.3 | 2.3 | 4.7 | 7.0 | 16.3 | 14.0 | 4.8 | 43 |
| | 20 | | | | | | | | | | | | | |
| | 23 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 27.3 | 20.3 | 7.0 | 7.9 | 2.8 | 1.0 | 4.5 | 2.8 | 5.7 | 10.4 | 10.9 | 3.7 | 235 |

NAYWEASERVCOM

5704 SKY COVER JAN 68

5704 SVY COVER 1AN 48

AUG
MONTH

● 44 ●

5704 SKY COVER JAN 68

NAYWEASERVCOM

SKY COVER

22501 BARKING SANDS, HAWAII

73-75

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|--------|-------------------|---|------|------|------|-----|------|-----|------|------|------|------|--------------------------------|-------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| SEP | 02 | | | | | | | | | | | | | |
| | 05 | | | | | | | | | | | | | |
| | 08 | 53.3 | 13.3 | 3.3 | | | 1.7 | 5.0 | 3.3 | 1.7 | 10.0 | 8.3 | 2.7 | 60 |
| | 11 | 20.0 | 15.0 | 13.3 | 11.7 | 6.7 | | 8.3 | 3.3 | 6.7 | 8.3 | 6.7 | 3.7 | 60 |
| | 14 | 5.0 | 10.0 | 10.0 | 5.0 | 8.3 | 10.0 | 5.0 | 10.0 | 13.3 | 5.0 | 18.3 | 5.6 | 60 |
| | 17 | | 10.3 | 10.3 | 7.7 | 5.1 | 5.1 | 2.6 | 17.9 | 5.1 | 12.8 | 23.1 | 6.3 | 39 |
| | 20 | | | | | | | | | | | | | |
| | 23 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 19.6 | 12.2 | 9.2 | 6.1 | 5.0 | 4.2 | 5.2 | 8.6 | 6.7 | 9.0 | 14.1 | 4.6 | 219 |

NAVWEASERVCOM

5704 SKY COVER JAN 68

SKY COVER

22501 BARKING SANDS, HAWAII

73-75

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|--------|-------------------|---|------|------|------|-----|-----|-----|-----|-----|-----|------|--------------------------------|-------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| OCT | 02 | | | | | | | | | | | | | |
| | 05 | | | | | | | | | | | | | |
| | 08 | 44.4 | 7.9 | 7.9 | 6.3 | 3.2 | 3.2 | | 4.8 | 6.3 | 3.2 | 12.7 | 3.1 | 63 |
| | 11 | 30.2 | 9.5 | 12.7 | 7.9 | 4.8 | 1.6 | 6.3 | 6.3 | 9.5 | 1.6 | 9.5 | 3.5 | 63 |
| | 14 | 22.2 | 19.0 | 9.5 | 6.3 | 1.6 | 1.6 | 4.8 | 6.3 | 6.3 | 6.3 | 15.9 | 4.1 | 63 |
| | 17 | 16.7 | 7.1 | 4.8 | 21.4 | 7.1 | 2.4 | 4.8 | | 7.1 | 9.5 | 19.0 | 4.8 | 42 |
| | 20 | | | | | | | | | | | | | |
| | 23 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 28.4 | 10.9 | 8.7 | 10.5 | 4.2 | 2.2 | 4.0 | 4.4 | 7.3 | 5.2 | 14.3 | 3.9 | 231 |

NAVWEASERVCOM

5704 SKY COVER JAN 68

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|--------|-------------------|---|------|-----|------|-----|-----|------|-----|-----|-----|------|--------------------------------|-------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| NOV | 02 | | | | | | | | | | | | | |
| | 05 | | | | | | | | | | | | | |
| | 08 | 31.0 | 3.4 | 3.4 | 10.3 | 3.4 | 3.4 | 5.2 | 1.7 | 5.2 | 1.7 | 31.0 | 4.8 | 58 |
| | 11 | 15.5 | 17.2 | 3.4 | 6.9 | 5.2 | 1.7 | 3.4 | 6.9 | 5.2 | 6.9 | 27.6 | 5.2 | 58 |
| | 14 | 10.3 | 19.0 | 5.2 | 5.2 | 3.4 | | 3.4 | 5.2 | 3.4 | 3.4 | 41.4 | 5.9 | 58 |
| | 17 | 12.8 | 12.8 | | 5.1 | 5.1 | 2.6 | 10.3 | 2.6 | | 5.1 | 43.6 | 6.2 | 39 |
| | 20 | | | | | | | | | | | | | |
| | 23 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 17.4 | 13.1 | 3.0 | 6.9 | 4.3 | 1.9 | 5.6 | 4.1 | 3.5 | 4.3 | 35.9 | 5.5 | 213 |

5704 SKY COVER JAN 68

SKY COVER

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

73-75

PERIOD

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|--------|-------------------|---|------|------|-----|------|-----|-----|-----|-----|-----|------|--------------------------------|-------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| DEC | 02 | | | | | | | | | | | | | |
| | 05 | | | | | | | | | | | | | |
| | 08 | 45.0 | 6.7 | 1.7 | 6.7 | 1.7 | 1.7 | | 6.7 | | 8.3 | 21.7 | 3.8 | 60 |
| | 11 | 38.3 | 11.7 | 10.0 | 3.3 | 5.0 | | 3.3 | 3.3 | 3.3 | | 21.7 | 3.5 | 60 |
| | 14 | 22.4 | 10.3 | 6.9 | 5.2 | 10.3 | 3.4 | 8.6 | 6.9 | | 6.9 | 19.0 | 4.5 | 58 |
| | 17 | 30.6 | 5.6 | 5.6 | 8.3 | 2.8 | 8.3 | 5.6 | 5.6 | | 5.6 | 22.2 | 4.4 | 36 |
| | 20 | | | | | | | | | | | | | |
| | 23 | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 34.1 | 8.6 | 6.1 | 5.9 | 5.0 | 3.4 | 4.4 | 5.6 | 5.8 | 5.2 | 21.2 | 4.1 | 214 |

NAVWEASERVCOM

5704 SKY COVER JAN 68

SKY COVER

22501 BARKING SANDS, HAWAII

72-76

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|--------|-------------------|---|------|-----|------|-----|-----|-----|-----|-----|------|------|--------------------------------|-------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JAN | ALL | 24.4 | 7.7 | 6.1 | 3.7 | 2.8 | 2.0 | 4.1 | 5.2 | 4.8 | 6.5 | 33.0 | 5.4 | 237 |
| FEB | | 24.9 | 11.4 | 6.4 | 6.4 | 5.0 | 2.2 | 3.5 | 4.7 | 3.3 | 10.2 | 22.2 | 4.7 | 284 |
| MAR | | 16.4 | 8.6 | 4.7 | 6.3 | 3.9 | 1.6 | 4.3 | 5.1 | 4.3 | 7.4 | 17.5 | 6.0 | 256 |
| APR | | 14.6 | 8.8 | 4.6 | 4.6 | 6.6 | 3.1 | 3.5 | 6.6 | 5.8 | 8.9 | 33.1 | 6.0 | 260 |
| MAY | | 13.5 | 7.4 | 8.5 | 6.6 | 6.6 | 1.9 | 3.5 | 8.9 | 7.0 | 13.5 | 22.8 | 5.7 | 259 |
| JUN | | 10.5 | 11.7 | 4.1 | 6.5 | 3.2 | 3.3 | 6.9 | 7.3 | 6.9 | 8.9 | 30.8 | 6.0 | 247 |
| JUL | | 27.3 | 20.3 | 7.0 | 7.6 | 2.8 | 1.0 | 4.5 | 2.8 | 5.7 | 10.4 | 10.9 | 3.7 | 235 |
| AUG | | 20.8 | 8.1 | 7.9 | 4.7 | 3.2 | 4.9 | 7.0 | 5.3 | 9.2 | 9.4 | 19.6 | 5.1 | 243 |
| SEP | | 19.6 | 12.2 | 9.2 | 6.1 | 5.0 | 4.2 | 5.2 | 8.6 | 6.7 | 9.0 | 14.1 | 4.6 | 219 |
| OCT | | 28.4 | 10.9 | 8.7 | 10.5 | 4.2 | 2.2 | 4.0 | 4.4 | 7.3 | 5.2 | 14.3 | 3.9 | 231 |
| NOV | | 17.4 | 13.1 | 3.0 | 6.9 | 4.3 | 1.9 | 5.6 | 4.1 | 3.5 | 4.3 | 35.9 | 5.5 | 213 |
| DEC | | 34.1 | 8.6 | 6.1 | 5.9 | 5.0 | 3.4 | 4.4 | 5.6 | .8 | 5.2 | 21.2 | 4.1 | 214 |
| TOTALS | | 21.0 | 10.7 | 6.4 | 6.3 | 4.4 | 2.6 | 4.7 | 5.7 | 5.4 | 8.2 | 24.6 | 5.1 | 2898 |

NAVWEASERVCOM

5704 SKY COVER JAN 68

NWSD, Federal Building

Asheville, N. C.

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperature
 - b. Daily minimum temperature
 - c. Daily mean temperature
2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature
3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the total no. of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σx). The number of observations used in the computations for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

- 4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:
 - a. Dry-bulb temperature
 - b. Wet-bulb temperature
 - c. Dew-point temperature
- 5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.
- 6. Percentage frequency of occurrence of dry-bulb temperature versus wind direction - This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The main body of the summary consists of dry bulb temperatures spread vertically in four degree increments and horizontally by eight wind directions (plus calm).

34

YEARS

MINIMUM

5721 Daily Temperatures Jan 1969

NAVWEASERVCOM

DAILY TEMPERATURES

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

68-76

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

[illegible]

NAVWEASERVCOM

5721 Daily Temperature Jan 1969

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

22501

BARKING SANDS, HAWAII

1969-1976

JANUARY

STATION

STATION NAME

YEARS

MONTH

| DAY | MEAN TEMP | | MAXIMUM TEMP | | | | | MINIMUM TEMP | | | | |
|---------|-----------|------|--------------|------|---------|------|-------|--------------|------|---------|------|-------|
| | AVERAGE | | AVERAGE | | EXTREME | | DATE | AVERAGE | | EXTREME | | DATE |
| | °F | °C | °F | °C | °F | °C | | °F | °C | °F | °C | |
| 1 | 71.3 | 21.8 | 78.4 | 25.8 | 82 | 27.8 | 1974* | 64.2 | 17.9 | 60 | 15.6 | 1976* |
| 2 | 71.6 | 22.0 | 78.6 | 25.9 | 82 | 27.8 | 1971 | 64.5 | 18.1 | 60 | 15.6 | 1971 |
| 3 | 72.2 | 22.3 | 79.9 | 26.6 | 83 | 28.3 | 1973 | 64.6 | 18.1 | 60 | 15.6 | 1976 |
| 4 | 71.7 | 22.1 | 78.5 | 25.8 | 84 | 28.9 | 1975 | 65.0 | 18.3 | 61 | 16.1 | 1976 |
| 5 | 71.3 | 21.8 | 78.7 | 25.9 | 84 | 28.9 | 1975 | 63.9 | 17.7 | 60 | 15.6 | 1976 |
| 6 | 70.4 | 21.3 | 76.0 | 24.4 | 80 | 26.7 | 1975* | 64.7 | 18.2 | 58 | 14.4 | 1971 |
| 7 | 70.0 | 21.1 | 77.1 | 25.1 | 80 | 26.7 | 1975* | 62.9 | 17.2 | 57 | 13.9 | 1971 |
| 8 | 70.9 | 21.6 | 77.6 | 25.3 | 81 | 27.2 | 1975* | 64.1 | 17.8 | 62 | 16.7 | 1976* |
| 9 | 70.4 | 21.3 | 77.4 | 25.2 | 81 | 27.2 | 1975 | 63.5 | 17.5 | 58 | 14.4 | 1970 |
| 10 | 70.2 | 21.2 | 77.5 | 25.3 | 82 | 27.8 | 1971 | 62.9 | 17.2 | 57 | 13.9 | 1970 |
| 11 | 70.8 | 21.6 | 77.2 | 25.1 | 80 | 26.7 | 1972 | 64.4 | 18.0 | 59 | 15.0 | 1973 |
| 12 | 72.6 | 22.6 | 78.4 | 25.8 | 82 | 27.8 | 1974 | 66.7 | 19.3 | 62 | 16.7 | 1976* |
| 13 | 71.7 | 22.1 | 77.4 | 25.2 | 80 | 26.7 | 1972 | 66.0 | 18.9 | 58 | 14.4 | 1976 |
| 14 | 71.4 | 21.9 | 77.9 | 25.5 | 82 | 27.8 | 1971 | 65.0 | 18.3 | 59 | 15.0 | 1973 |
| 15 | 71.8 | 22.1 | 77.9 | 25.5 | 83 | 28.3 | 1971 | 65.7 | 18.7 | 58 | 14.4 | 1970 |
| 16 | 71.5 | 21.9 | 77.9 | 25.5 | 83 | 28.3 | 1974 | 65.1 | 18.4 | 59 | 15.0 | 1976 |
| 17 | 70.6 | 21.4 | 77.4 | 25.2 | 80 | 26.7 | 1975 | 63.9 | 17.7 | 56 | 13.3 | 1976 |
| 18 | 71.2 | 21.8 | 78.2 | 25.7 | 82 | 27.8 | 1973 | 64.1 | 17.8 | 59 | 15.0 | 1976 |
| 19 | 70.9 | 21.6 | 78.7 | 25.9 | 82 | 27.8 | 1975 | 63.0 | 17.2 | 55 | 12.8 | 1969 |
| 20 | 70.6 | 21.4 | 78.7 | 25.9 | 82 | 27.8 | 1975* | 62.5 | 16.9 | 54 | 12.2 | 1969 |
| 21 | 71.0 | 21.7 | 78.0 | 25.6 | 82 | 27.8 | 1975* | 64.0 | 17.8 | 60 | 15.6 | 1976* |
| 22 | 70.7 | 21.5 | 78.5 | 25.8 | 83 | 28.3 | 1974 | 63.0 | 17.2 | 60 | 15.6 | 1976* |
| 23 | 69.6 | 20.9 | 77.4 | 25.2 | 82 | 27.8 | 1974 | 61.7 | 16.5 | 58 | 14.4 | 1970 |
| 24 | 71.1 | 21.7 | 78.0 | 25.6 | 82 | 27.8 | 1971 | 64.1 | 17.8 | 57 | 13.9 | 1969 |
| 25 | 70.8 | 21.6 | 77.4 | 25.2 | 82 | 27.8 | 1971 | 64.2 | 17.9 | 62 | 16.7 | 1975* |
| 26 | 70.9 | 21.6 | 77.9 | 25.5 | 82 | 27.8 | 1974* | 64.0 | 17.8 | 59 | 15.0 | 1969 |
| 27 | 69.5 | 20.8 | 77.0 | 25.0 | 80 | 26.7 | 1974 | 62.0 | 16.7 | 56 | 13.3 | 1969 |
| 28 | 69.3 | 20.7 | 77.4 | 25.2 | 81 | 27.2 | 1975 | 61.2 | 16.2 | 56 | 13.3 | 1969 |
| 29 | 69.7 | 20.9 | 76.5 | 24.7 | 79 | 26.1 | 1976* | 63.0 | 17.2 | 59 | 15.0 | 1973 |
| 30 | 69.7 | 20.9 | 77.1 | 25.1 | 81 | 27.2 | 1974 | 62.4 | 16.9 | 59 | 15.0 | 1971 |
| 31 | 70.1 | 21.2 | 77.4 | 25.2 | 82 | 27.8 | 1971 | 62.9 | 17.2 | 58 | 14.4 | 1973 |
| Monthly | 70.8 | 21.6 | 77.8 | 25.4 | 84 | 28.9 | 1975 | 63.9 | 17.7 | 54 | 12.2 | 1969 |

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

22501 **BARKING SANDS, HAWAII** **1969-1976** **FEBRUARY**
STATION STATION NAME YEARS MONTH

| DAY | MEAN TEMP | | MAXIMUM TEMP | | | | | | MINIMUM TEMP | | | | | |
|---------|-----------|------|--------------|------|---------|------|-------|--|--------------|------|---------|------|-------|--|
| | AVERAGE | | AVERAGE | | EXTREME | | DATE | | AVERAGE | | EXTREME | | DATE | |
| | °F | °C | °F | °C | °F | °C | | | °F | °C | °F | °C | | |
| 1 | 70.4 | 21.3 | 77.4 | 25.2 | 81 | 27.2 | 1974 | | 63.3 | 17.4 | 57 | 13.9 | 1976 | |
| 2 | 70.9 | 21.6 | 77.7 | 25.4 | 83 | 28.3 | 1971 | | 64.1 | 17.8 | 57 | 13.9 | 1976 | |
| 3 | 71.2 | 21.8 | 78.1 | 25.6 | 82 | 27.8 | 1971 | | 64.3 | 17.9 | 60 | 15.6 | 1976* | |
| 4 | 71.3 | 21.8 | 78.1 | 25.6 | 81 | 27.2 | 1971 | | 64.4 | 18.0 | 60 | 15.6 | 1970* | |
| 5 | 71.2 | 21.8 | 78.0 | 25.6 | 81 | 27.2 | 1971 | | 64.4 | 18.0 | 59 | 15.0 | 1970 | |
| 6 | 70.1 | 21.2 | 78.0 | 25.6 | 81 | 27.2 | 1971* | | 62.1 | 16.7 | 57 | 13.9 | 1970 | |
| 7 | 70.5 | 21.4 | 78.0 | 25.6 | 82 | 27.8 | 1974* | | 63.0 | 17.2 | 57 | 13.9 | 1970 | |
| 8 | 71.2 | 21.8 | 79.4 | 26.3 | 84 | 28.9 | 1971 | | 63.0 | 17.2 | 57 | 13.9 | 1970 | |
| 9 | 71.8 | 22.1 | 79.1 | 26.2 | 82 | 27.8 | 1971 | | 64.4 | 18.0 | 58 | 14.4 | 1972 | |
| 10 | 71.5 | 21.9 | 78.7 | 25.9 | 82 | 27.8 | 1971 | | 64.3 | 17.9 | 59 | 15.0 | 1970 | |
| 11 | 71.0 | 21.7 | 79.1 | 26.2 | 84 | 28.9 | 1969 | | 62.9 | 17.2 | 54 | 12.2 | 1970 | |
| 12 | 71.4 | 21.9 | 79.9 | 26.6 | 83 | 28.3 | 1971 | | 62.9 | 17.2 | 59 | 15.0 | 1972* | |
| 13 | 71.9 | 22.2 | 79.9 | 26.6 | 82 | 27.8 | 1972* | | 63.9 | 17.7 | 58 | 14.4 | 1972 | |
| 14 | 71.4 | 21.9 | 80.1 | 26.7 | 83 | 28.3 | 1976 | | 62.6 | 17.0 | 59 | 15.0 | 1972 | |
| 15 | 70.9 | 21.6 | 79.2 | 26.2 | 82 | 27.8 | 1976* | | 62.6 | 17.0 | 57 | 13.9 | 1970 | |
| 16 | 70.9 | 21.6 | 79.4 | 26.3 | 83 | 28.3 | 1973 | | 62.5 | 16.9 | 54 | 12.2 | 1970 | |
| 17 | 71.7 | 22.1 | 79.9 | 26.6 | 86 | 30.0 | 1971 | | 63.5 | 17.5 | 59 | 15.0 | 1970* | |
| 18 | 72.1 | 22.3 | 80.5 | 26.9 | 85 | 29.4 | 1971 | | 63.6 | 17.6 | 60 | 15.6 | 1972* | |
| 19 | 72.3 | 22.4 | 80.5 | 26.9 | 85 | 29.4 | 1973 | | 64.1 | 17.8 | 55 | 12.8 | 1972 | |
| 20 | 71.6 | 22.0 | 79.5 | 26.4 | 84 | 28.9 | 1971 | | 63.1 | 17.3 | 59 | 15.0 | 1976 | |
| 21 | 72.5 | 22.5 | 80.5 | 26.9 | 85 | 29.4 | 1971 | | 64.2 | 17.9 | 62 | 16.7 | 1976* | |
| 22 | 72.3 | 22.4 | 80.0 | 26.7 | 84 | 28.9 | 1971 | | 64.6 | 18.1 | 62 | 16.7 | 1976 | |
| 23 | 71.1 | 21.7 | 79.7 | 26.5 | 82 | 27.8 | 1971* | | 62.5 | 16.9 | 57 | 13.9 | 1976 | |
| 24 | 71.1 | 21.7 | 79.0 | 26.1 | 82 | 27.8 | 1974* | | 62.1 | 17.3 | 59 | 15.0 | 1970 | |
| 25 | 70.3 | 21.6 | 79.6 | 26.4 | 84 | 28.9 | 1974 | | 62.0 | 16.7 | 57 | 13.9 | 1969 | |
| 26 | 71.2 | 21.8 | 80.0 | 26.7 | 84 | 28.9 | 1974 | | 62.4 | 16.9 | 59 | 15.0 | 1969 | |
| 27 | 70.7 | 21.5 | 79.9 | 26.6 | 82 | 27.8 | 1975* | | 61.6 | 16.4 | 56 | 13.3 | 1972 | |
| 28 | 71.4 | 21.9 | 80.4 | 26.9 | 82 | 27.8 | 1973* | | 62.4 | 16.9 | 58 | 14.4 | 1969 | |
| 29 | 73.7 | 23.2 | 80.0 | 26.7 | 80 | 26.7 | 1976* | | 67.5 | 19.7 | 62 | 16.7 | 1976 | |
| 30 | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | |
| Monthly | 71.3 | 21.8 | 79.3 | 26.3 | 86 | 30.0 | 1971 | | 63.3 | 17.4 | 54 | 12.2 | 1970 | |

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

5725 DAY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

22501

BARKING SANDS, HAWAII

1969-1976

MARCH

STATION

STATION NAME

YEARS

MONTH

| DAY | MEAN TEMP | | MAXIMUM TEMP | | | | | | MINIMUM TEMP | | | | | |
|---------|-----------|------|--------------|------|---------|------|-------|--|--------------|------|---------|------|-------|--|
| | AVERAGE | | AVERAGE | | EXTREME | | DATE | | AVERAGE | | EXTREME | | DATE | |
| | °F | °C | °F | °C | °F | °C | | | °F | °C | °F | °C | | |
| 1 | 72.4 | 22.4 | 81.1 | 27.3 | 83 | 28.3 | 1972 | | 63.6 | 17.6 | 58 | 14.4 | 1969 | |
| 2 | 71.6 | 22.0 | 80.1 | 26.7 | 83 | 28.3 | 1973* | | 63.1 | 17.3 | 59 | 15.0 | 1969 | |
| 3 | 71.4 | 21.9 | 79.3 | 26.3 | 84 | 28.9 | 1973 | | 63.6 | 17.6 | 62 | 16.7 | 1970 | |
| 4 | 71.4 | 21.9 | 80.1 | 26.7 | 83 | 28.3 | 1973 | | 62.6 | 17.0 | 59 | 15.0 | 1975 | |
| 5 | 71.9 | 22.2 | 79.1 | 26.2 | 81 | 27.2 | 1971* | | 64.6 | 18.1 | 62 | 16.7 | 1975 | |
| 6 | 72.0 | 22.2 | 81.0 | 27.2 | 83 | 28.3 | 1974* | | 63.0 | 17.2 | 59 | 15.0 | 1969 | |
| 7 | 71.7 | 22.1 | 80.6 | 27.0 | 83 | 28.3 | 1973 | | 62.9 | 17.2 | 59 | 12.8 | 1969 | |
| 8 | 71.8 | 22.1 | 81.0 | 27.2 | 87 | 30.6 | 1973 | | 62.6 | 17.0 | 59 | 15.0 | 1972 | |
| 9 | 71.7 | 22.1 | 81.0 | 27.2 | 83 | 28.3 | 1973* | | 62.4 | 16.9 | 57 | 13.9 | 1972 | |
| 10 | 73.0 | 22.8 | 81.4 | 27.4 | 83 | 28.3 | 1971 | | 64.6 | 18.1 | 60 | 15.6 | 1969 | |
| 11 | 72.9 | 22.7 | 80.4 | 26.9 | 81 | 27.2 | 1974* | | 65.4 | 18.6 | 62 | 16.7 | 1969 | |
| 12 | 72.9 | 22.7 | 81.7 | 27.6 | 85 | 29.4 | 1971 | | 64.0 | 17.8 | 61 | 16.1 | 1970 | |
| 13 | 72.4 | 22.4 | 80.6 | 27.0 | 84 | 28.9 | 1973* | | 64.3 | 17.9 | 60 | 15.6 | 1970 | |
| 14 | 73.1 | 22.8 | 80.1 | 26.7 | 84 | 28.9 | 1971 | | 66.0 | 18.9 | 62 | 16.7 | 1970 | |
| 15 | 72.2 | 22.3 | 80.9 | 27.2 | 85 | 29.4 | 1973 | | 63.6 | 17.6 | 60 | 15.6 | 1969 | |
| 16 | 72.5 | 22.5 | 81.7 | 27.6 | 84 | 28.9 | 1971 | | 63.3 | 17.4 | 59 | 15.0 | 1972 | |
| 17 | 72.6 | 22.6 | 80.7 | 27.1 | 86 | 30.0 | 1973 | | 64.6 | 18.1 | 61 | 16.1 | 1972 | |
| 18 | 72.4 | 22.4 | 81.3 | 27.4 | 84 | 28.9 | 1969 | | 63.4 | 17.4 | 60 | 15.6 | 1972 | |
| 19 | 72.5 | 22.5 | 81.7 | 27.6 | 83 | 28.3 | 1974* | | 63.3 | 17.4 | 60 | 15.6 | 1969 | |
| 20 | 71.9 | 22.2 | 80.7 | 27.1 | 83 | 28.3 | 1973 | | 63.1 | 17.3 | 59 | 15.0 | 1972 | |
| 21 | 73.2 | 22.9 | 82.0 | 27.8 | 87 | 30.6 | 1969 | | 64.4 | 18.0 | 60 | 15.6 | 1969 | |
| 22 | 73.4 | 23.0 | 81.4 | 27.4 | 83 | 28.3 | 1969 | | 65.4 | 18.6 | 62 | 16.7 | 1973* | |
| 23 | 72.9 | 22.7 | 80.3 | 26.8 | 85 | 29.4 | 1971 | | 65.4 | 18.6 | 62 | 16.7 | 1969 | |
| 24 | 72.5 | 22.5 | 81.3 | 27.4 | 84 | 28.9 | 1973* | | 63.7 | 17.6 | 60 | 15.6 | 1970 | |
| 25 | 71.4 | 21.9 | 79.1 | 26.2 | 83 | 28.3 | 1973 | | 63.6 | 17.6 | 60 | 15.6 | 1970* | |
| 26 | 71.9 | 22.2 | 80.0 | 26.7 | 82 | 27.8 | 1975* | | 63.7 | 17.6 | 58 | 14.4 | 1969 | |
| 27 | 72.3 | 22.4 | 79.9 | 26.6 | 83 | 28.3 | 1973 | | 64.5 | 18.1 | 62 | 16.7 | 1970 | |
| 28 | 71.4 | 21.9 | 78.4 | 25.8 | 83 | 28.3 | 1973 | | 64.4 | 18.0 | 61 | 16.1 | 1969 | |
| 29 | 71.2 | 21.8 | 78.7 | 25.9 | 83 | 28.3 | 1973 | | 63.7 | 17.6 | 61 | 16.1 | 1972* | |
| 30 | 71.3 | 21.8 | 79.6 | 26.4 | 83 | 28.3 | 1973 | | 63.0 | 17.2 | 58 | 14.4 | 1969 | |
| 31 | 72.3 | 22.4 | 80.9 | 27.2 | 83 | 28.3 | 1973* | | 63.7 | 17.6 | 59 | 15.0 | 1972 | |
| Monthly | 72.2 | 22.3 | 80.5 | 26.9 | 87 | 30.6 | 1973* | | 63.9 | 17.7 | 55 | 12.8 | 1969 | |

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

525 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

22501 **BARKING SANDS, HAWAII** **1969-1976** **APRIL**
STATION STATION NAME YEARS MONTH

| DAY | MEAN TEMP | | MAXIMUM TEMP | | | | | | MINIMUM TEMP | | | | | |
|---------|-----------|------|--------------|------|---------|------|-------|--|--------------|------|---------|------|-------|--|
| | AVERAGE | | AVERAGE | | EXTREME | | DATE | | AVERAGE | | EXTREME | | DATE | |
| | °F | °C | °F | °C | °F | °C | | | °F | °C | °F | °C | | |
| 1 | 73.2 | 22.9 | 80.4 | 26.9 | 84 | 28.9 | 1970 | | 66.0 | 18.9 | 61 | 16.1 | 1972 | |
| 2 | 73.1 | 22.8 | 80.7 | 27.1 | 84 | 28.9 | 1970 | | 65.4 | 18.6 | 60 | 15.6 | 1969 | |
| 3 | 74.2 | 23.4 | 81.1 | 27.3 | 84 | 28.9 | 1971 | | 66.3 | 19.1 | 60 | 15.6 | 1969 | |
| 4 | 72.6 | 22.6 | 79.6 | 26.4 | 84 | 28.9 | 1974 | | 65.7 | 18.7 | 62 | 16.7 | 1970* | |
| 5 | 72.6 | 22.6 | 79.7 | 26.5 | 84 | 28.9 | 1971 | | 65.6 | 18.7 | 60 | 15.6 | 1969 | |
| 6 | 72.9 | 22.7 | 80.4 | 26.9 | 85 | 29.4 | 1974 | | 65.3 | 18.5 | 62 | 16.7 | 1975* | |
| 7 | 72.9 | 22.7 | 80.9 | 27.2 | 83 | 28.3 | 1974* | | 65.0 | 18.3 | 60 | 15.6 | 1969 | |
| 8 | 73.4 | 23.0 | 82.0 | 27.8 | 86 | 30.0 | 1974 | | 64.7 | 18.2 | 58 | 14.4 | 1969 | |
| 9 | 73.9 | 23.3 | 80.7 | 27.1 | 84 | 28.9 | 1974 | | 67.1 | 19.5 | 62 | 16.7 | 1969 | |
| 10 | 74.2 | 23.4 | 82.4 | 28.0 | 85 | 29.4 | 1974 | | 66.0 | 18.9 | 62 | 16.7 | 1972 | |
| 11 | 73.4 | 23.0 | 81.6 | 27.6 | 83 | 28.3 | 1973* | | 65.3 | 18.5 | 62 | 16.7 | 1972* | |
| 12 | 74.5 | 23.6 | 82.4 | 28.0 | 84 | 28.9 | 1969 | | 66.6 | 19.2 | 64 | 17.8 | 1971* | |
| 13 | 74.6 | 23.7 | 83.0 | 28.3 | 87 | 30.6 | 1973 | | 66.3 | 19.1 | 62 | 16.7 | 1969 | |
| 14 | 73.3 | 22.9 | 81.4 | 27.4 | 84 | 28.9 | 1974 | | 65.1 | 18.4 | 59 | 15.0 | 1973 | |
| 15 | 74.0 | 23.3 | 82.4 | 28.0 | 84 | 28.9 | 1974* | | 65.6 | 18.7 | 62 | 16.7 | 1972 | |
| 16 | 74.9 | 23.8 | 83.4 | 28.6 | 86 | 30.0 | 1971 | | 66.4 | 19.1 | 63 | 17.2 | 1969 | |
| 17 | 74.1 | 23.4 | 82.0 | 27.8 | 86 | 30.0 | 1973 | | 65.5 | 18.6 | 63 | 17.2 | 1970* | |
| 18 | 74.3 | 23.5 | 82.7 | 28.2 | 84 | 28.9 | 1974* | | 65.9 | 18.8 | 64 | 17.8 | 1975* | |
| 19 | 74.5 | 23.6 | 82.0 | 27.8 | 84 | 28.9 | 1971 | | 67.0 | 19.4 | 64 | 17.8 | 1975 | |
| 20 | 74.1 | 23.4 | 82.0 | 27.8 | 84 | 28.9 | 1973* | | 66.3 | 19.1 | 63 | 17.2 | 1969 | |
| 21 | 74.2 | 23.4 | 82.6 | 28.1 | 85 | 29.4 | 1973 | | 65.9 | 18.8 | 62 | 16.7 | 1969 | |
| 22 | 74.1 | 23.4 | 82.7 | 28.2 | 86 | 30.0 | 1970 | | 65.6 | 18.7 | 64 | 17.8 | 1975* | |
| 23 | 72.9 | 22.7 | 81.1 | 27.3 | 85 | 29.4 | 1970 | | 64.7 | 18.2 | 58 | 14.4 | 1969 | |
| 24 | 73.0 | 22.8 | 81.0 | 27.2 | 83 | 28.3 | 1974* | | 65.0 | 18.3 | 61 | 16.1 | 1972 | |
| 25 | 73.0 | 22.8 | 81.1 | 27.3 | 85 | 29.4 | 1971 | | 64.9 | 18.3 | 60 | 15.6 | 1972 | |
| 26 | 73.6 | 23.1 | 81.6 | 27.6 | 86 | 30.0 | 1971 | | 65.6 | 18.7 | 60 | 15.6 | 1972 | |
| 27 | 73.8 | 23.2 | 82.3 | 27.9 | 84 | 28.9 | 1974* | | 65.3 | 18.5 | 60 | 15.6 | 1972 | |
| 28 | 73.7 | 23.2 | 82.3 | 27.9 | 85 | 29.4 | 1971 | | 65.1 | 18.4 | 62 | 16.7 | 1972 | |
| 29 | 74.0 | 23.3 | 82.0 | 27.8 | 84 | 28.9 | 1974* | | 66.0 | 18.9 | 64 | 17.8 | 1974* | |
| 30 | 73.6 | 23.1 | 82.3 | 27.9 | 84 | 28.9 | 1971 | | 64.9 | 18.3 | 61 | 16.1 | 1972 | |
| 31 | | | | | | | | | | | | | | |
| Monthly | 73.7 | 23.2 | 81.7 | 27.6 | 87 | 30.6 | 1973 | | 65.7 | 18.7 | 58 | 14.4 | 1969 | |

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1975

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

22501

BARKING SANDS, HAWAII

1969-1976

MAY

STATION

STATION NAME

YEARS

MONTH

| DAY | MEAN TEMP | | MAXIMUM TEMP | | | | | | MINIMUM TEMP | | | | | |
|---------|-----------|------|--------------|------|---------|------|-------|--|--------------|------|---------|------|-------|--|
| | AVERAGE | | AVERAGE | | EXTREME | | DATE | | AVERAGE | | EXTREME | | DATE | |
| | ° F | ° C | ° F | ° C | ° F | ° C | | | ° F | ° C | ° F | ° C | | |
| 1 | 73.6 | 23.1 | 81.0 | 27.2 | 83 | 28.3 | 1974* | | 66.3 | 19.1 | 62 | 16.7 | 1969 | |
| 2 | 74.2 | 23.4 | 82.9 | 28.3 | 84 | 28.9 | 1973* | | 65.6 | 18.7 | 61 | 16.1 | 1969 | |
| 3 | 74.3 | 23.5 | 82.4 | 28.0 | 84 | 28.9 | 1971* | | 66.1 | 18.9 | 61 | 16.1 | 1972 | |
| 4 | 74.7 | 23.7 | 83.0 | 28.3 | 86 | 30.0 | 1973 | | 66.4 | 19.1 | 62 | 16.7 | 1969 | |
| 5 | 74.9 | 23.8 | 82.9 | 28.3 | 87 | 30.6 | 1973 | | 66.9 | 19.4 | 61 | 16.1 | 1975 | |
| 6 | 74.8 | 23.8 | 82.7 | 28.2 | 86 | 30.0 | 1971 | | 66.9 | 19.4 | 64 | 17.8 | 1969 | |
| 7 | 74.6 | 23.7 | 82.3 | 27.9 | 85 | 29.4 | 1970 | | 67.0 | 19.4 | 64 | 17.8 | 1975 | |
| 8 | 73.6 | 23.1 | 82.0 | 27.8 | 86 | 30.0 | 1974 | | 65.1 | 18.4 | 63 | 17.2 | 1975* | |
| 9 | 74.1 | 23.4 | 81.9 | 27.7 | 85 | 29.4 | 1970 | | 66.4 | 19.1 | 64 | 17.8 | 1975* | |
| 10 | 74.6 | 23.7 | 81.6 | 27.6 | 83 | 28.3 | 1971* | | 67.6 | 19.8 | 63 | 17.2 | 1975 | |
| 11 | 74.1 | 23.4 | 81.1 | 27.3 | 84 | 28.9 | 1973* | | 67.1 | 19.5 | 64 | 17.8 | 1975 | |
| 12 | 74.2 | 23.4 | 82.1 | 27.8 | 84 | 28.9 | 1971* | | 66.3 | 19.1 | 63 | 17.2 | 1975 | |
| 13 | 74.5 | 23.6 | 81.9 | 27.7 | 84 | 28.9 | 1973* | | 67.1 | 19.5 | 64 | 17.8 | 1969 | |
| 14 | 74.6 | 23.7 | 82.7 | 28.2 | 89 | 31.7 | 1974 | | 66.6 | 19.2 | 64 | 17.8 | 1975 | |
| 15 | 74.1 | 23.4 | 82.4 | 28.0 | 86 | 30.0 | 1971 | | 65.7 | 18.7 | 63 | 17.2 | 1969 | |
| 16 | 74.4 | 23.6 | 82.6 | 28.1 | 86 | 30.0 | 1971 | | 66.3 | 19.1 | 62 | 16.7 | 1969 | |
| 17 | 74.9 | 23.8 | 82.3 | 27.9 | 84 | 28.9 | 1971* | | 67.4 | 19.7 | 65 | 18.3 | 1975* | |
| 18 | 74.0 | 23.3 | 82.0 | 27.8 | 84 | 28.9 | 1971* | | 66.0 | 18.9 | 64 | 17.8 | 1970 | |
| 19 | 74.1 | 23.4 | 82.6 | 28.1 | 86 | 30.0 | 1971 | | 65.7 | 18.7 | 62 | 16.7 | 1972 | |
| 20 | 74.4 | 23.6 | 82.6 | 28.1 | 85 | 29.4 | 1971 | | 66.3 | 19.1 | 61 | 16.1 | 1970 | |
| 21 | 74.7 | 23.7 | 82.7 | 28.2 | 85 | 29.4 | 1971 | | 66.7 | 19.3 | 66 | 18.9 | 1974* | |
| 22 | 74.9 | 23.8 | 83.0 | 28.3 | 85 | 29.4 | 1969 | | 66.7 | 19.3 | 65 | 18.3 | 1972* | |
| 23 | 74.9 | 23.8 | 83.1 | 28.4 | 86 | 30.0 | 1971* | | 66.7 | 19.3 | 65 | 18.3 | 1973* | |
| 24 | 75.4 | 24.1 | 82.4 | 28.0 | 86 | 30.0 | 1971 | | 68.3 | 20.2 | 64 | 17.8 | 1972 | |
| 25 | 74.8 | 23.8 | 83.0 | 28.3 | 85 | 29.4 | 1971 | | 66.6 | 19.2 | 65 | 18.3 | 1972* | |
| 26 | 74.9 | 23.8 | 83.4 | 28.6 | 87 | 30.6 | 1971 | | 66.4 | 19.1 | 62 | 16.7 | 1972 | |
| 27 | 75.1 | 23.9 | 83.7 | 28.7 | 86 | 30.0 | 1975* | | 66.6 | 19.2 | 64 | 17.8 | 1970 | |
| 28 | 75.2 | 24.0 | 83.0 | 28.3 | 86 | 30.0 | 1971 | | 67.4 | 19.7 | 65 | 18.3 | 1975 | |
| 29 | 75.6 | 24.2 | 83.0 | 28.3 | 86 | 30.0 | 1971 | | 68.1 | 20.1 | 66 | 18.9 | 1972* | |
| 30 | 76.0 | 24.4 | 83.1 | 28.4 | 86 | 30.0 | 1971 | | 68.9 | 20.5 | 66 | 18.9 | 1973* | |
| 31 | 75.6 | 24.2 | 83.3 | 28.5 | 87 | 30.6 | 1971 | | 67.9 | 19.9 | 64 | 17.8 | 1972 | |
| Monthly | 74.6 | 23.7 | 82.5 | 28.1 | 89 | 31.7 | 1974 | | 66.7 | 19.3 | 61 | 16.1 | 1975* | |

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAY 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

22501

BARKING SANDS, HAWAII

1969-1976

JUNE

STATION

STATION NAME

YEARS

MONTH

| DAY | MEAN TEMP | | MAXIMUM TEMP | | | | | MINIMUM TEMP | | | | |
|---------|-----------|------|--------------|------|---------|------|-------|--------------|------|---------|------|-------|
| | AVERAGE | | AVERAGE | | EXTREME | | | AVERAGE | | EXTREME | | |
| | °F | °C | °F | °C | °F | °C | DATE | °F | °C | °F | °C | DATE |
| 1 | 75.4 | 24.1 | 83.4 | 28.6 | 86 | 30.0 | 1971 | 67.4 | 19.7 | 65 | 18.3 | 1970 |
| 2 | 75.4 | 24.1 | 83.9 | 28.8 | 86 | 30.0 | 1971 | 67.0 | 19.4 | 66 | 18.9 | 1975* |
| 3 | 75.5 | 24.2 | 83.6 | 28.7 | 86 | 30.0 | 1971* | 67.4 | 19.7 | 66 | 18.9 | 1975* |
| 4 | 75.3 | 24.1 | 83.4 | 28.6 | 87 | 30.6 | 1969 | 67.1 | 19.5 | 65 | 18.3 | 1975 |
| 5 | 74.9 | 23.8 | 83.3 | 28.5 | 86 | 30.0 | 1971 | 66.4 | 19.1 | 65 | 18.3 | 1972* |
| 6 | 75.0 | 23.9 | 83.4 | 28.6 | 87 | 30.6 | 1969 | 66.6 | 19.2 | 64 | 17.8 | 1975* |
| 7 | 75.2 | 24.0 | 82.7 | 28.2 | 86 | 30.0 | 1971 | 67.7 | 19.8 | 63 | 17.2 | 1975 |
| 8 | 75.8 | 24.3 | 83.9 | 28.8 | 86 | 30.0 | 1971* | 67.7 | 19.8 | 64 | 17.8 | 1975 |
| 9 | 75.6 | 24.2 | 83.6 | 28.7 | 87 | 30.6 | 1971 | 67.7 | 19.8 | 64 | 17.8 | 1975 |
| 10 | 75.5 | 24.2 | 83.0 | 28.3 | 86 | 30.0 | 1971* | 68.0 | 20.0 | 65 | 18.3 | 1973 |
| 11 | 74.8 | 23.8 | 82.6 | 28.1 | 86 | 30.0 | 1971 | 67.0 | 19.4 | 65 | 18.3 | 1974* |
| 12 | 75.5 | 24.2 | 83.4 | 28.6 | 85 | 29.4 | 1971* | 67.6 | 19.8 | 63 | 17.2 | 1975 |
| 13 | 75.4 | 24.1 | 82.6 | 28.1 | 86 | 30.0 | 1971 | 68.3 | 20.2 | 64 | 17.8 | 1975 |
| 14 | 75.7 | 24.3 | 82.6 | 28.1 | 85 | 29.4 | 1972* | 68.9 | 20.5 | 66 | 18.9 | 1973 |
| 15 | 75.4 | 24.1 | 82.6 | 28.1 | 85 | 29.4 | 1970* | 68.1 | 20.1 | 66 | 18.9 | 1973 |
| 16 | 75.5 | 24.2 | 82.6 | 28.1 | 84 | 28.9 | 1971* | 68.4 | 20.2 | 66 | 18.9 | 1975 |
| 17 | 75.8 | 24.3 | 83.4 | 28.6 | 88 | 31.1 | 1971 | 68.1 | 20.1 | 65 | 18.3 | 1975 |
| 18 | 75.4 | 24.1 | 83.0 | 28.3 | 86 | 30.0 | 1971 | 67.7 | 19.8 | 64 | 17.8 | 1975 |
| 19 | 75.1 | 23.9 | 82.6 | 28.1 | 86 | 30.0 | 1971 | 67.6 | 19.8 | 65 | 18.3 | 1975* |
| 20 | 75.9 | 24.4 | 83.3 | 28.5 | 86 | 30.0 | 1971* | 68.6 | 20.3 | 65 | 18.3 | 1975* |
| 21 | 75.4 | 24.1 | 82.9 | 28.3 | 86 | 30.0 | 1971 | 67.9 | 19.9 | 65 | 18.3 | 1975* |
| 22 | 75.4 | 24.1 | 83.3 | 28.5 | 86 | 30.0 | 1971 | 67.6 | 19.8 | 65 | 18.3 | 1975 |
| 23 | 75.9 | 24.4 | 84.0 | 28.9 | 86 | 30.0 | 1971* | 67.9 | 19.9 | 66 | 18.9 | 1972* |
| 24 | 76.4 | 24.7 | 83.6 | 28.7 | 85 | 29.4 | 1971 | 69.1 | 20.6 | 68 | 20.0 | 1975* |
| 25 | 76.9 | 24.9 | 84.0 | 28.9 | 86 | 30.0 | 1975* | 69.7 | 20.9 | 68 | 20.0 | 1974* |
| 26 | 77.0 | 25.0 | 84.4 | 29.1 | 86 | 30.0 | 1971 | 69.6 | 20.9 | 68 | 20.0 | 1974 |
| 27 | 77.3 | 25.2 | 85.1 | 29.5 | 87 | 30.6 | 1969 | 69.4 | 20.8 | 67 | 19.4 | 1972 |
| 28 | 76.2 | 24.6 | 84.1 | 28.9 | 88 | 31.1 | 1969 | 68.3 | 20.2 | 65 | 18.3 | 1972 |
| 29 | 76.3 | 24.6 | 84.1 | 28.9 | 87 | 30.6 | 1969 | 68.4 | 20.2 | 65 | 18.3 | 1972 |
| 30 | 77.3 | 25.2 | 85.1 | 29.5 | 91 | 32.8 | 1969 | 69.4 | 20.8 | 67 | 19.4 | 1972 |
| 31 | | | | | | | | | | | | |
| Monthly | 75.7 | 24.3 | 83.4 | 28.6 | 91 | 32.8 | 1969 | 68.0 | 20.0 | 63 | 17.2 | 1975 |

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

5725 DAILY AVERAGE/EXTREME TEMPERATURES MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

22501

BARKING SANDS, HAWAII

1969-1976

JULY

STATION

STATION NAME

YEARS

MONTH

| DAY | MEAN TEMP | | MAXIMUM TEMP | | | | | MINIMUM TEMP | | | | |
|---------|-----------|------|--------------|------|---------|------|-------|--------------|------|---------|------|-------|
| | AVERAGE | | AVERAGE | | EXTREME | | DATE | AVERAGE | | EXTREME | | DATE |
| | °F | °C | °F | °C | °F | °C | | °F | °C | °F | °C | |
| 1 | 76.7 | 24.8 | 84.1 | 28.9 | 86 | 30.0 | 1973* | 69.3 | 20.7 | 68 | 20.0 | 1974* |
| 2 | 76.9 | 24.9 | 84.6 | 29.2 | 88 | 31.1 | 1969 | 69.1 | 20.6 | 68 | 20.0 | 1973* |
| 3 | 76.3 | 24.6 | 84.1 | 28.9 | 86 | 30.0 | 1971 | 68.4 | 20.2 | 68 | 20.0 | 1974* |
| 4 | 77.2 | 25.1 | 84.6 | 29.2 | 88 | 31.1 | 1973 | 69.9 | 21.1 | 68 | 20.0 | 1970 |
| 5 | 77.1 | 25.1 | 84.6 | 29.2 | 87 | 30.6 | 1971 | 69.6 | 20.9 | 68 | 20.0 | 1974* |
| 6 | 76.6 | 24.8 | 84.4 | 29.1 | 88 | 31.1 | 1969 | 68.7 | 20.4 | 67 | 19.4 | 1972 |
| 7 | 76.4 | 24.7 | 84.3 | 29.1 | 87 | 30.6 | 1971 | 68.6 | 20.3 | 66 | 18.9 | 1974 |
| 8 | 77.6 | 25.3 | 84.9 | 29.4 | 89 | 31.7 | 1971 | 70.4 | 21.3 | 68 | 20.0 | 1975* |
| 9 | 76.8 | 24.9 | 84.7 | 29.3 | 87 | 30.6 | 1971* | 68.9 | 20.5 | 67 | 19.4 | 1973 |
| 10 | 76.7 | 24.8 | 84.0 | 28.9 | 85 | 29.4 | 1975* | 69.4 | 20.8 | 67 | 19.4 | 1974 |
| 11 | 77.3 | 25.2 | 84.6 | 29.2 | 87 | 30.6 | 1975* | 70.0 | 21.1 | 66 | 18.9 | 1974 |
| 12 | 77.4 | 25.2 | 84.3 | 29.1 | 87 | 30.6 | 1971 | 70.6 | 21.4 | 69 | 20.6 | 1974 |
| 13 | 77.9 | 25.5 | 84.7 | 29.3 | 90 | 32.2 | 1971 | 71.0 | 21.7 | 69 | 20.6 | 1974 |
| 14 | 77.4 | 25.2 | 84.9 | 29.4 | 91 | 32.8 | 1969 | 70.0 | 21.1 | 67 | 19.4 | 1974 |
| 15 | 77.1 | 25.1 | 84.1 | 28.9 | 87 | 30.6 | 1973 | 70.0 | 21.1 | 68 | 20.0 | 1972 |
| 16 | 76.9 | 24.9 | 84.9 | 29.4 | 87 | 30.6 | 1971 | 69.0 | 20.6 | 67 | 19.4 | 1970 |
| 17 | 77.1 | 25.1 | 84.9 | 29.4 | 87 | 30.6 | 1969 | 69.4 | 20.8 | 68 | 20.0 | 1975* |
| 18 | 77.0 | 25.0 | 84.9 | 29.4 | 87 | 30.6 | 1971* | 69.1 | 20.6 | 67 | 19.4 | 1973 |
| 19 | 77.0 | 25.0 | 83.7 | 28.7 | 87 | 30.6 | 1971 | 70.3 | 21.3 | 68 | 20.0 | 1973 |
| 20 | 76.6 | 24.8 | 84.3 | 29.1 | 87 | 30.6 | 1971 | 68.9 | 20.5 | 65 | 18.3 | 1974 |
| 21 | 76.8 | 24.9 | 84.4 | 29.1 | 87 | 30.6 | 1969 | 69.1 | 20.6 | 66 | 18.9 | 1973 |
| 22 | 76.9 | 24.9 | 84.9 | 29.4 | 87 | 30.6 | 1971 | 69.0 | 20.6 | 68 | 20.0 | 1975* |
| 23 | 76.4 | 24.7 | 84.6 | 29.2 | 87 | 30.6 | 1971* | 68.3 | 20.2 | 66 | 18.9 | 1973 |
| 24 | 77.3 | 25.2 | 85.1 | 29.5 | 88 | 31.1 | 1973 | 69.4 | 20.8 | 68 | 20.0 | 1975 |
| 25 | 76.9 | 24.9 | 84.9 | 29.4 | 86 | 30.0 | 1973* | 69.0 | 20.6 | 67 | 19.4 | 1973 |
| 26 | 77.4 | 25.2 | 84.7 | 29.3 | 86 | 30.0 | 1973* | 70.1 | 21.2 | 67 | 19.4 | 1975 |
| 27 | 76.9 | 24.9 | 84.4 | 29.1 | 87 | 30.6 | 1969 | 69.4 | 20.8 | 66 | 18.9 | 1972 |
| 28 | 77.3 | 25.2 | 85.6 | 29.8 | 89 | 31.7 | 1971 | 69.0 | 20.6 | 66 | 18.9 | 1975 |
| 29 | 77.0 | 25.0 | 84.9 | 29.4 | 87 | 30.6 | 1969 | 69.1 | 20.6 | 67 | 19.4 | 1970 |
| 30 | 77.8 | 25.4 | 85.4 | 29.7 | 88 | 31.1 | 1973 | 70.1 | 21.2 | 69 | 20.6 | 1974* |
| 31 | 77.4 | 25.2 | 85.3 | 29.6 | 87 | 30.6 | 1971* | 69.4 | 20.8 | 68 | 20.0 | 1973* |
| Monthly | 77.0 | 25.0 | 84.6 | 29.2 | 91 | 32.8 | 1969 | 69.4 | 20.8 | 65 | 18.3 | 1974 |

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

525 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

22501

BARKING SANDS, HAWAII

1969-1976

AUGUST

STATION

STATION NAME

YEARS

MONTH

| DAY | MEAN TEMP | | MAXIMUM TEMP | | | | | | MINIMUM TEMP | | | | | |
|---------|-----------|------|--------------|------|---------|------|-------|--|--------------|------|---------|------|-------|--|
| | AVERAGE | | AVERAGE | | EXTREME | | DATE | | AVERAGE | | EXTREME | | DATE | |
| | °F | °C | °F | °C | °F | °C | | | °F | °C | °F | °C | | |
| 1 | 76.9 | 24.9 | 85.4 | 29.7 | 87 | 30.6 | 1974* | | 68.3 | 20.2 | 66 | 18.9 | 1975 | |
| 2 | 77.3 | 25.2 | 85.1 | 29.5 | 90 | 32.2 | 1971 | | 69.4 | 20.8 | 68 | 20.0 | 1975* | |
| 3 | 77.3 | 25.2 | 84.9 | 29.4 | 87 | 30.6 | 1971* | | 69.7 | 20.9 | 68 | 20.0 | 1973* | |
| 4 | 77.3 | 25.2 | 85.1 | 29.5 | 88 | 31.1 | 1974 | | 69.4 | 20.8 | 67 | 19.4 | 1972* | |
| 5 | 77.1 | 25.1 | 85.3 | 29.6 | 87 | 30.6 | 1974* | | 68.9 | 20.5 | 67 | 19.4 | 1975 | |
| 6 | 77.4 | 25.2 | 85.1 | 29.5 | 88 | 31.1 | 1973 | | 69.6 | 20.9 | 66 | 18.9 | 1975 | |
| 7 | 77.9 | 25.5 | 85.3 | 29.6 | 88 | 31.1 | 1973 | | 70.4 | 21.3 | 68 | 20.0 | 1975 | |
| 8 | 77.5 | 25.3 | 84.7 | 29.3 | 88 | 31.1 | 1974 | | 70.3 | 21.3 | 69 | 20.6 | 1975 | |
| 9 | 76.9 | 24.9 | 84.9 | 29.4 | 87 | 30.6 | 1972* | | 69.0 | 20.6 | 65 | 18.3 | 1972 | |
| 10 | 77.1 | 25.1 | 84.4 | 29.1 | 86 | 30.0 | 1974 | | 69.9 | 21.1 | 68 | 20.0 | 1973 | |
| 11 | 77.5 | 25.3 | 84.7 | 29.3 | 87 | 30.6 | 1974* | | 70.3 | 21.3 | 68 | 20.0 | 1975 | |
| 12 | 78.0 | 25.6 | 85.4 | 29.7 | 89 | 31.7 | 1971 | | 70.6 | 21.4 | 68 | 20.0 | 1975 | |
| 13 | 77.9 | 25.5 | 85.0 | 29.4 | 88 | 31.1 | 1971 | | 70.7 | 21.5 | 68 | 20.0 | 1975* | |
| 14 | 77.2 | 25.1 | 85.1 | 29.5 | 88 | 31.1 | 1971 | | 69.3 | 20.7 | 65 | 18.3 | 1975 | |
| 15 | 77.6 | 25.3 | 86.1 | 30.1 | 88 | 31.1 | 1974* | | 69.0 | 20.6 | 68 | 20.0 | 1975* | |
| 16 | 77.9 | 25.5 | 85.7 | 29.8 | 90 | 32.2 | 1971 | | 70.0 | 21.1 | 68 | 20.0 | 1975* | |
| 17 | 78.1 | 25.6 | 85.7 | 29.8 | 90 | 32.2 | 1971 | | 70.4 | 21.3 | 69 | 20.6 | 1975* | |
| 18 | 78.0 | 25.6 | 85.7 | 29.8 | 88 | 31.1 | 1971 | | 70.3 | 21.3 | 66 | 18.9 | 1975 | |
| 19 | 77.5 | 25.3 | 84.9 | 29.4 | 88 | 31.1 | 1971 | | 70.1 | 21.2 | 68 | 20.0 | 1975 | |
| 20 | 77.8 | 25.4 | 85.3 | 29.6 | 87 | 30.6 | 1974* | | 70.3 | 21.3 | 68 | 20.0 | 1969 | |
| 21 | 77.3 | 25.2 | 85.0 | 29.4 | 88 | 31.1 | 1971 | | 69.6 | 20.9 | 66 | 18.9 | 1975 | |
| 22 | 77.2 | 25.1 | 84.8 | 29.3 | 88 | 31.1 | 1971 | | 69.5 | 20.8 | 67 | 19.4 | 1975 | |
| 23 | 77.7 | 25.4 | 85.7 | 29.8 | 88 | 31.1 | 1974 | | 69.7 | 20.9 | 68 | 20.0 | 1971* | |
| 24 | 77.2 | 25.1 | 84.7 | 29.3 | 87 | 30.6 | 1971 | | 69.7 | 20.9 | 67 | 19.4 | 1975 | |
| 25 | 77.5 | 25.3 | 85.3 | 29.6 | 88 | 31.1 | 1971 | | 69.5 | 20.8 | 65 | 18.3 | 1975 | |
| 26 | 77.1 | 25.1 | 84.9 | 29.4 | 88 | 31.1 | 1971 | | 69.0 | 20.6 | 66 | 18.9 | 1975 | |
| 27 | 77.1 | 25.1 | 84.6 | 29.2 | 87 | 30.6 | 1972* | | 69.6 | 20.9 | 66 | 18.9 | 1975 | |
| 28 | 77.9 | 25.5 | 84.9 | 29.4 | 87 | 30.6 | 1971 | | 71.0 | 21.7 | 68 | 20.0 | 1975 | |
| 29 | 77.6 | 25.3 | 85.3 | 29.6 | 87 | 30.6 | 1971 | | 70.0 | 21.1 | 68 | 20.0 | 1975 | |
| 30 | 77.8 | 25.4 | 85.0 | 29.4 | 88 | 31.1 | 1971 | | 70.6 | 21.4 | 69 | 20.6 | 1975* | |
| 31 | 77.5 | 25.3 | 84.9 | 29.4 | 87 | 30.6 | 1971 | | 70.1 | 21.2 | 68 | 20.0 | 1975 | |
| Monthly | 77.5 | 25.3 | 85.1 | 29.5 | 90 | 32.2 | 1971 | | 69.8 | 21.0 | 65 | 18.3 | 1975* | |

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1975

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

22501 BARKING SANDS, HAWAII 1969-1976 SEPTEMBER
STATION STATION NAME YEARS MONTH

| DAY | MEAN TEMP | | MAXIMUM TEMP | | | | | | MINIMUM TEMP | | | | | |
|---------|-----------|------|--------------|------|---------|------|-------|--|--------------|------|---------|------|-------|--|
| | AVERAGE | | AVERAGE | | EXTREME | | DATE | | AVERAGE | | EXTREME | | DATE | |
| | °F | °C | °F | °C | °F | °C | | | °F | °C | °F | °C | | |
| 1 | 77.6 | 25.3 | 84.9 | 29.4 | 88 | 31.1 | 1971 | | 70.4 | 21.3 | 67 | 19.4 | 1975 | |
| 2 | 77.8 | 25.4 | 85.6 | 29.8 | 89 | 31.7 | 1971 | | 70.0 | 21.1 | 68 | 20.0 | 1975* | |
| 3 | 77.7 | 25.4 | 85.5 | 29.7 | 87 | 30.6 | 1972* | | 70.0 | 21.1 | 68 | 20.0 | 1975* | |
| 4 | 77.7 | 25.4 | 86.1 | 30.1 | 88 | 31.1 | 1974 | | 69.5 | 20.8 | 67 | 19.4 | 1975 | |
| 5 | 77.1 | 25.1 | 84.4 | 29.1 | 87 | 30.6 | 1974 | | 69.7 | 20.9 | 68 | 20.0 | 1975* | |
| 6 | 77.0 | 25.0 | 84.4 | 29.2 | 88 | 31.1 | 1971 | | 69.4 | 20.8 | 66 | 18.9 | 1975 | |
| 7 | 76.7 | 24.8 | 84.7 | 29.3 | 86 | 30.0 | 1972* | | 68.7 | 20.4 | 64 | 17.8 | 1975 | |
| 8 | 78.0 | 25.6 | 85.6 | 29.8 | 88 | 31.1 | 1974* | | 70.4 | 21.3 | 68 | 20.0 | 1975* | |
| 9 | 77.5 | 25.3 | 85.0 | 29.4 | 88 | 31.1 | 1971 | | 70.0 | 21.1 | 68 | 20.0 | 1975* | |
| 10 | 77.4 | 25.2 | 85.3 | 29.6 | 87 | 30.6 | 1971 | | 69.6 | 20.9 | 68 | 20.0 | 1969 | |
| 11 | 77.3 | 25.2 | 85.0 | 29.4 | 87 | 30.6 | 1974* | | 69.6 | 20.9 | 65 | 18.3 | 1975 | |
| 12 | 77.4 | 25.2 | 85.1 | 29.5 | 86 | 30.0 | 1975* | | 69.6 | 20.9 | 68 | 20.0 | 1975* | |
| 13 | 77.3 | 25.2 | 84.9 | 29.4 | 87 | 30.6 | 1974 | | 69.7 | 20.9 | 67 | 19.4 | 1975 | |
| 14 | 77.3 | 25.2 | 84.9 | 29.4 | 87 | 30.6 | 1974 | | 69.7 | 20.9 | 68 | 20.0 | 1975* | |
| 15 | 78.1 | 25.6 | 85.4 | 29.7 | 88 | 31.1 | 1974 | | 70.7 | 21.5 | 67 | 19.4 | 1975 | |
| 16 | 77.9 | 25.5 | 84.7 | 29.3 | 86 | 30.0 | 1974* | | 71.1 | 21.7 | 68 | 20.0 | 1975* | |
| 17 | 77.6 | 25.3 | 85.3 | 29.6 | 88 | 31.1 | 1971 | | 69.9 | 21.1 | 67 | 19.4 | 1975* | |
| 18 | 78.1 | 25.6 | 85.0 | 29.4 | 87 | 30.6 | 1974 | | 71.1 | 21.7 | 70 | 21.1 | 1975* | |
| 19 | 77.6 | 25.3 | 85.6 | 29.8 | 87 | 30.6 | 1974* | | 69.6 | 20.9 | 67 | 19.4 | 1975* | |
| 20 | 77.8 | 25.4 | 85.3 | 29.6 | 87 | 30.6 | 1974* | | 70.3 | 21.3 | 68 | 20.0 | 1975* | |
| 21 | 76.8 | 24.9 | 84.6 | 29.2 | 87 | 30.6 | 1971 | | 69.0 | 20.6 | 67 | 19.4 | 1975 | |
| 22 | 77.3 | 25.2 | 85.0 | 29.4 | 88 | 31.1 | 1971 | | 69.6 | 20.9 | 66 | 18.9 | 1975 | |
| 23 | 77.1 | 25.1 | 85.1 | 29.5 | 88 | 31.1 | 1974 | | 69.1 | 20.6 | 67 | 19.4 | 1975* | |
| 24 | 77.6 | 25.3 | 84.9 | 29.4 | 86 | 30.0 | 1974* | | 70.3 | 21.3 | 67 | 19.4 | 1975 | |
| 25 | 77.4 | 25.2 | 85.1 | 29.5 | 88 | 31.1 | 1972 | | 69.7 | 20.9 | 67 | 19.4 | 1975* | |
| 26 | 77.0 | 25.0 | 84.6 | 29.2 | 86 | 30.0 | 1972* | | 69.4 | 20.8 | 66 | 18.9 | 1975 | |
| 27 | 77.0 | 25.0 | 84.9 | 29.4 | 88 | 31.1 | 1969 | | 69.1 | 20.6 | 68 | 20.0 | 1975* | |
| 28 | 77.5 | 25.3 | 85.0 | 29.4 | 87 | 30.6 | 1972* | | 70.0 | 21.1 | 68 | 20.0 | 1975* | |
| 29 | 77.3 | 25.2 | 85.0 | 29.4 | 87 | 30.6 | 1971* | | 69.6 | 20.9 | 67 | 19.4 | 1969 | |
| 30 | 76.4 | 24.7 | 84.6 | 29.2 | 87 | 30.6 | 1971 | | 68.3 | 20.2 | 64 | 17.8 | 1975 | |
| 31 | | | | | | | | | | | | | | |
| Monthly | 77.4 | 25.2 | 85.1 | 29.5 | 89 | 31.7 | 1971 | | 69.8 | 21.0 | 64 | 17.8 | 1975 | |

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

AVAIL WEATHER SERVICE DETACHMENT
SHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

22501

BARKING SANDS, HAWAII

1969-1976

OCTOBER

STATION

STATION NAME

YEARS

MONTH

| DAY | MEAN TEMP | | MAXIMUM TEMP | | | | | | MINIMUM TEMP | | | |
|---------|-----------|------|--------------|------|---------|------|-------|---------|--------------|---------|------|-------|
| | AVERAGE | | AVERAGE | | EXTREME | | DATE | AVERAGE | | EXTREME | | DATE |
| | ° F | ° C | ° F | ° C | ° F | ° C | | ° F | ° C | ° F | ° C | |
| 1 | 76.8 | 24.9 | 85.6 | 29.8 | 88 | 31.1 | 1974 | 68.0 | 20.0 | 66 | 18.9 | 1975 |
| 2 | 77.8 | 25.4 | 84.9 | 29.4 | 88 | 31.1 | 1971 | 70.7 | 21.5 | 69 | 20.6 | 1972 |
| 3 | 77.3 | 25.2 | 84.7 | 29.3 | 87 | 30.6 | 1972 | 69.9 | 21.1 | 67 | 19.4 | 1972 |
| 4 | 77.8 | 25.4 | 85.0 | 29.4 | 87 | 30.6 | 1972* | 70.6 | 21.4 | 69 | 20.6 | 1975* |
| 5 | 76.9 | 24.9 | 84.7 | 29.3 | 87 | 30.6 | 1970 | 69.1 | 20.6 | 65 | 18.3 | 1975 |
| 6 | 77.4 | 25.2 | 85.0 | 29.4 | 86 | 30.0 | 1971* | 69.7 | 20.9 | 68 | 20.0 | 1972 |
| 7 | 77.7 | 25.4 | 85.1 | 29.5 | 88 | 31.1 | 1971 | 70.3 | 21.3 | 68 | 20.0 | 1975 |
| 8 | 77.4 | 25.2 | 85.0 | 29.4 | 87 | 30.6 | 1972* | 69.7 | 20.9 | 66 | 18.9 | 1975 |
| 9 | 77.2 | 25.1 | 85.0 | 29.4 | 87 | 30.6 | 1972 | 69.4 | 20.8 | 65 | 18.3 | 1975 |
| 10 | 77.6 | 25.3 | 84.7 | 29.3 | 87 | 30.6 | 1972* | 70.4 | 21.3 | 67 | 19.4 | 1975 |
| 11 | 77.4 | 25.2 | 84.6 | 29.2 | 87 | 30.6 | 1972 | 70.3 | 21.3 | 67 | 19.4 | 1975 |
| 12 | 76.9 | 24.9 | 83.7 | 28.7 | 86 | 30.0 | 1970 | 70.0 | 21.1 | 67 | 19.4 | 1969 |
| 13 | 77.1 | 25.1 | 85.0 | 29.4 | 87 | 30.6 | 1971 | 69.1 | 20.6 | 66 | 18.9 | 1975 |
| 14 | 76.9 | 24.9 | 85.4 | 29.7 | 91 | 32.8 | 1971 | 68.4 | 20.2 | 67 | 19.4 | 1975* |
| 15 | 77.1 | 25.1 | 84.7 | 29.3 | 88 | 31.1 | 1971 | 69.4 | 20.8 | 68 | 20.0 | 1975* |
| 16 | 76.7 | 24.8 | 84.1 | 28.9 | 86 | 30.0 | 1972* | 69.3 | 20.7 | 66 | 18.9 | 1975 |
| 17 | 77.4 | 25.2 | 85.1 | 29.5 | 87 | 30.6 | 1972* | 69.6 | 20.9 | 66 | 18.9 | 1975 |
| 18 | 77.2 | 25.1 | 84.8 | 29.3 | 88 | 31.1 | 1970 | 69.1 | 20.6 | 65 | 18.3 | 1969 |
| 19 | 76.7 | 24.8 | 84.5 | 29.2 | 86 | 30.0 | 1974* | 69.0 | 20.6 | 67 | 19.4 | 1969 |
| 20 | 77.2 | 25.1 | 84.6 | 29.2 | 88 | 31.1 | 1970 | 69.3 | 20.7 | 67 | 19.4 | 1975 |
| 21 | 76.2 | 24.6 | 84.3 | 29.1 | 86 | 30.0 | 1973* | 68.2 | 20.1 | 66 | 18.9 | 1975* |
| 22 | 76.4 | 24.7 | 85.0 | 29.4 | 87 | 30.6 | 1971 | 67.8 | 19.9 | 66 | 18.9 | 1975* |
| 23 | 76.4 | 24.7 | 84.4 | 29.1 | 86 | 30.0 | 1972* | 68.2 | 20.1 | 66 | 18.9 | 1975 |
| 24 | 75.9 | 24.4 | 84.1 | 28.9 | 87 | 30.6 | 1974 | 67.7 | 19.8 | 66 | 18.9 | 1975 |
| 25 | 75.9 | 24.4 | 84.0 | 28.9 | 86 | 30.0 | 1970 | 67.7 | 19.8 | 66 | 18.9 | 1975* |
| 26 | 76.0 | 24.4 | 84.3 | 29.1 | 86 | 30.0 | 1974* | 67.7 | 19.8 | 66 | 18.9 | 1975* |
| 27 | 76.1 | 24.5 | 83.3 | 28.5 | 87 | 30.6 | 1970 | 69.0 | 20.6 | 67 | 19.4 | 1975* |
| 28 | 75.3 | 24.1 | 82.3 | 27.9 | 86 | 30.0 | 1970 | 69.3 | 20.2 | 64 | 17.8 | 1975* |
| 29 | 75.1 | 23.9 | 83.1 | 28.4 | 86 | 30.0 | 1974* | 67.1 | 19.5 | 64 | 17.8 | 1975 |
| 30 | 75.4 | 24.1 | 83.1 | 28.4 | 87 | 30.6 | 1974 | 67.7 | 19.8 | 65 | 18.3 | 1972 |
| 31 | 75.8 | 24.3 | 82.9 | 28.3 | 85 | 29.4 | 1974 | 68.7 | 20.4 | 64 | 17.8 | 1975 |
| Monthly | 76.7 | 24.8 | 84.4 | 29.1 | 91 | 32.8 | 1971 | 69.0 | 20.6 | 64 | 17.8 | 1975* |

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

22501 BARKING SANDS, HAWAII 1969-1976 NOVEMBER
STATION STATION NAME YEARS MONTH

| DAY | MEAN TEMP | | MAXIMUM TEMP | | | | | MINIMUM TEMP | | | | |
|---------|-----------|------|--------------|------|---------|------|-------|--------------|------|---------|------|-------|
| | AVERAGE | | AVERAGE | | EXTREME | | | AVERAGE | | EXTREME | | |
| | °F | °C | °F | °C | °F | °C | DATE | °F | °C | °F | °C | DATE |
| 1 | 75.4 | 24.1 | 83.1 | 28.4 | 86 | 30.0 | 1974 | 67.7 | 19.8 | 66 | 18.9 | 1975* |
| 2 | 75.5 | 24.2 | 83.4 | 28.6 | 85 | 29.4 | 1972 | 67.7 | 19.8 | 65 | 18.3 | 1969 |
| 3 | 75.2 | 24.0 | 83.6 | 28.7 | 86 | 30.0 | 1970 | 66.9 | 19.4 | 64 | 17.8 | 1975 |
| 4 | 75.6 | 24.2 | 83.0 | 28.3 | 86 | 30.0 | 1971 | 68.3 | 20.2 | 66 | 18.9 | 1975 |
| 5 | 75.4 | 24.1 | 83.9 | 28.8 | 86 | 30.0 | 1969 | 66.9 | 19.4 | 66 | 18.9 | 1975* |
| 6 | 76.3 | 24.6 | 83.9 | 28.8 | 87 | 30.6 | 1969 | 68.7 | 20.4 | 65 | 18.3 | 1975 |
| 7 | 75.6 | 24.2 | 83.0 | 28.3 | 86 | 30.0 | 1970 | 68.1 | 20.1 | 66 | 18.9 | 1969 |
| 8 | 75.5 | 24.2 | 84.0 | 28.9 | 86 | 30.0 | 1971 | 67.0 | 19.4 | 65 | 18.3 | 1975 |
| 9 | 75.1 | 23.9 | 82.4 | 28.0 | 85 | 29.4 | 1970 | 67.7 | 19.8 | 65 | 18.3 | 1975* |
| 10 | 75.1 | 23.9 | 82.6 | 28.1 | 85 | 29.4 | 1970 | 67.7 | 19.8 | 65 | 18.3 | 1975 |
| 11 | 74.9 | 23.8 | 83.0 | 28.3 | 86 | 30.0 | 1970 | 66.7 | 19.3 | 65 | 18.3 | 1972 |
| 12 | 74.1 | 23.4 | 82.0 | 27.8 | 84 | 28.9 | 1970 | 66.3 | 19.1 | 64 | 17.8 | 1975* |
| 13 | 73.7 | 23.2 | 81.7 | 27.6 | 84 | 28.9 | 1971 | 65.7 | 18.7 | 63 | 17.2 | 1975* |
| 14 | 73.9 | 23.3 | 81.3 | 27.4 | 83 | 28.3 | 1971 | 66.6 | 19.2 | 65 | 18.3 | 1975* |
| 15 | 74.4 | 23.6 | 82.1 | 27.8 | 85 | 29.4 | 1971 | 66.6 | 19.2 | 61 | 16.1 | 1973 |
| 16 | 75.1 | 23.9 | 82.3 | 27.9 | 85 | 29.4 | 1970 | 68.0 | 20.0 | 63 | 17.2 | 1972 |
| 17 | 74.3 | 23.5 | 81.4 | 27.4 | 85 | 29.4 | 1971 | 67.1 | 19.5 | 65 | 18.3 | 1974 |
| 18 | 74.6 | 23.7 | 82.0 | 27.8 | 84 | 28.9 | 1974* | 67.2 | 19.6 | 65 | 18.3 | 1975 |
| 19 | 74.2 | 23.4 | 81.3 | 27.4 | 85 | 29.4 | 1970 | 67.1 | 19.5 | 64 | 17.8 | 1975 |
| 20 | 73.6 | 23.1 | 80.1 | 26.7 | 85 | 29.4 | 1971 | 67.0 | 19.4 | 63 | 17.2 | 1975* |
| 21 | 74.1 | 23.4 | 81.0 | 27.2 | 84 | 28.9 | 1971 | 67.1 | 19.5 | 63 | 17.2 | 1975 |
| 22 | 73.6 | 23.1 | 81.4 | 27.6 | 85 | 29.4 | 1975 | 65.7 | 18.7 | 63 | 17.2 | 1975* |
| 23 | 73.5 | 23.1 | 80.7 | 27.1 | 83 | 28.3 | 1971 | 66.3 | 19.1 | 63 | 17.2 | 1975* |
| 24 | 73.6 | 23.1 | 80.7 | 27.1 | 84 | 28.9 | 1971 | 66.6 | 19.2 | 64 | 17.8 | 1975 |
| 25 | 73.6 | 23.1 | 80.4 | 27.0 | 83 | 28.3 | 1971 | 66.6 | 19.2 | 64 | 17.8 | 1969 |
| 26 | 73.6 | 23.1 | 80.7 | 27.1 | 85 | 29.4 | 1971 | 66.4 | 19.1 | 61 | 16.1 | 1969 |
| 27 | 73.5 | 23.1 | 81.1 | 27.3 | 86 | 30.0 | 1971 | 65.9 | 18.8 | 61 | 16.1 | 1969 |
| 28 | 73.4 | 23.0 | 80.1 | 26.7 | 83 | 28.3 | 1971* | 66.7 | 19.3 | 60 | 15.6 | 1969 |
| 29 | 73.2 | 22.9 | 80.4 | 26.9 | 83 | 28.3 | 1970 | 66.0 | 18.9 | 59 | 15.0 | 1969 |
| 30 | 73.9 | 23.3 | 80.7 | 27.1 | 84 | 28.9 | 1971* | 67.0 | 19.4 | 65 | 18.3 | 1972 |
| 31 | | | | | | | | | | | | |
| Monthly | 74.4 | 23.6 | 81.9 | 27.7 | 87 | 30.6 | 1969 | 67.0 | 19.4 | 59 | 15.0 | 1969 |

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

525 DAILY AVERAGE/EXTREME TEMP MAR 1978

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

22501 BARKING SANDS, HAWAII 1968-1976 DECEMBER
STATION STATION NAME YEARS MONTH

| DAY | MEAN TEMP | | MAXIMUM TEMP | | | | | | MINIMUM TEMP | | | | | |
|---------|-----------|------|--------------|------|---------|------|-------|--|--------------|------|---------|------|-------|--|
| | AVERAGE | | AVERAGE | | EXTREME | | DATE | | AVERAGE | | EXTREME | | DATE | |
| | °F | °C | °F | °C | °F | °C | | | °F | °C | °F | °C | | |
| 1 | 73.5 | 23.1 | 80.7 | 27.1 | 84 | 28.9 | 1971 | | 66.2 | 19.0 | 61 | 16.1 | 1972 | |
| 2 | 73.7 | 23.2 | 80.4 | 26.9 | 84 | 28.9 | 1971 | | 67.0 | 19.4 | 64 | 17.8 | 1973 | |
| 3 | 74.1 | 23.4 | 81.1 | 27.3 | 86 | 30.0 | 1971 | | 67.0 | 19.4 | 63 | 17.2 | 1972 | |
| 4 | 72.7 | 22.6 | 81.0 | 27.2 | 86 | 30.0 | 1971 | | 64.4 | 18.0 | 58 | 14.4 | 1968 | |
| 5 | 72.3 | 22.4 | 80.9 | 27.2 | 87 | 30.6 | 1971 | | 63.7 | 17.6 | 58 | 14.4 | 1968 | |
| 6 | 72.9 | 22.7 | 81.4 | 27.4 | 87 | 30.6 | 1971 | | 64.5 | 18.1 | 58 | 14.4 | 1968 | |
| 7 | 72.4 | 22.4 | 81.0 | 27.2 | 88 | 31.1 | 1971 | | 63.9 | 17.7 | 61 | 16.1 | 1969 | |
| 8 | 73.9 | 23.3 | 80.4 | 26.9 | 87 | 30.6 | 1971 | | 67.5 | 19.7 | 64 | 17.8 | 1973* | |
| 9 | 73.1 | 22.8 | 80.5 | 26.9 | 88 | 31.1 | 1971 | | 65.7 | 18.7 | 59 | 15.0 | 1972 | |
| 10 | 72.8 | 22.7 | 80.2 | 26.8 | 84 | 28.9 | 1970* | | 65.4 | 18.6 | 62 | 16.7 | 1973 | |
| 11 | 72.4 | 22.4 | 81.1 | 27.3 | 85 | 29.4 | 1971* | | 63.7 | 17.6 | 60 | 15.6 | 1971 | |
| 12 | 71.7 | 22.1 | 79.1 | 26.2 | 84 | 28.9 | 1970 | | 64.4 | 18.0 | 59 | 15.0 | 1972 | |
| 13 | 72.1 | 22.3 | 80.6 | 27.0 | 86 | 30.0 | 1970 | | 63.5 | 17.5 | 60 | 15.6 | 1971* | |
| 14 | 72.6 | 22.6 | 81.1 | 27.3 | 88 | 31.1 | 1970 | | 64.0 | 17.8 | 60 | 15.6 | 1969* | |
| 15 | 71.8 | 22.1 | 79.4 | 26.3 | 86 | 30.0 | 1970 | | 64.2 | 17.9 | 59 | 15.0 | 1969 | |
| 16 | 71.5 | 21.9 | 79.5 | 26.4 | 84 | 28.9 | 1970 | | 63.5 | 17.5 | 60 | 15.6 | 1969 | |
| 17 | 71.2 | 21.8 | 78.2 | 25.7 | 85 | 29.4 | 1970 | | 64.1 | 17.8 | 59 | 15.0 | 1969 | |
| 18 | 72.3 | 22.4 | 79.5 | 26.4 | 84 | 28.9 | 1974* | | 65.1 | 18.4 | 60 | 15.6 | 1973 | |
| 19 | 71.6 | 22.0 | 78.4 | 25.8 | 83 | 28.3 | 1970 | | 64.7 | 18.2 | 60 | 15.6 | 1973 | |
| 20 | 71.0 | 21.7 | 79.7 | 26.5 | 87 | 30.6 | 1970 | | 62.2 | 16.8 | 53 | 11.7 | 1969 | |
| 21 | 70.7 | 21.5 | 79.9 | 26.6 | 87 | 30.6 | 1970 | | 61.6 | 16.4 | 53 | 11.7 | 1969 | |
| 22 | 72.4 | 22.4 | 80.6 | 27.0 | 86 | 30.0 | 1970 | | 64.1 | 17.8 | 60 | 15.6 | 1971 | |
| 23 | 71.8 | 22.1 | 79.2 | 26.2 | 82 | 27.8 | 1970* | | 64.4 | 18.0 | 61 | 16.1 | 1969 | |
| 24 | 72.3 | 22.4 | 80.0 | 26.7 | 85 | 29.4 | 1970 | | 64.6 | 18.1 | 60 | 15.6 | 1973 | |
| 25 | 71.9 | 22.2 | 80.0 | 26.7 | 84 | 28.9 | 1969 | | 63.7 | 17.6 | 61 | 16.1 | 1973 | |
| 26 | 71.2 | 21.8 | 79.1 | 26.2 | 83 | 28.3 | 1970 | | 63.2 | 17.3 | 58 | 14.4 | 1968 | |
| 27 | 71.1 | 21.7 | 79.1 | 26.2 | 85 | 29.4 | 1970 | | 63.1 | 17.3 | 60 | 15.6 | 1973 | |
| 28 | 70.4 | 21.3 | 79.0 | 26.1 | 84 | 28.9 | 1970 | | 61.9 | 16.6 | 58 | 14.4 | 1968 | |
| 29 | 69.9 | 21.1 | 78.9 | 26.1 | 82 | 27.8 | 1970 | | 61.3 | 16.3 | 57 | 13.9 | 1968 | |
| 30 | 71.1 | 21.7 | 79.1 | 26.2 | 82 | 27.8 | 1974* | | 63.0 | 17.2 | 56 | 13.3 | 1968 | |
| 31 | 71.2 | 21.8 | 78.6 | 25.9 | 83 | 28.3 | 1974 | | 63.7 | 17.6 | 61 | 16.1 | 1971 | |
| Monthly | 72.1 | 22.3 | 79.9 | 26.6 | 88 | 31.1 | 1971* | | 64.2 | 17.9 | 53 | 11.7 | 1969 | |

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

5725 DAILY AVERAGE EXTREME TEMP MAR 1973

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

68-76

YEARS

5723 Extreme Values Jan 1969

103

NAVWEASERVCOM

5723 Extreme Values Jan 1969

YEARS

2

[illegible]

NAVWEASERVCOM

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

YEARS

[illegible]

NAVWEASERVCOM

5723 Extreme Values Jan 1969

DOI

O

YEARS

5723 Extreme Values Jan. 1969

103

NAVWEASERVCOM

5-25 PSYCHROMETRIC SUMMA JAN 68

HOURS (L.S.T.)

[illegible]

FEB

YEARS

MONTH

HOURS (L.S.T.)

[illegible]

PSYCHROMETRIC SUMMARY

22501

BARKING SANDS, HAWAII!

73-75

MAR

PAGE 1
HOURS (L.S.T.)

PSYCHROMETRIC SUMMARY JAN 68

[illegible]

PSYCHROMETRIC SUMMARY

22501

BARKING SANDS, HAWAII

73-75

APR

MONT

HOURS (L.S.T.)

[illegible]

NAVWEASERVCOM

5 PSYCHROMETRIC SUMMA JAN 68

5-5 PSYCHROMETRIC SUMMA
JAN 68

HOURS (L.S.T.)

YEARS

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

22501

BARKING SANDS, HAWAII

73-75

JUN

STATION

STATION NAME

YEARS

MONT/

PAGE 1

HOURS (L.S.T.)

[illegible]

NA VW EASERVCOM

PSYCHROMETRIC SUMM JAN 68

PSYCHROMETRIC SUMMARY

BARKING SANDS, HAWAII

73-75

JUL

STATION

STATION NAME

YEARS

MONTH

PAGE 1

HOURS (L.S.T.)

[illegible]

PSYCHROMETRIC SUMMARY

22501

BARKING SANDS, HAWAII

73-75

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1

HOURS (L.S.T.)

PSYCHROMETRIC SUMMARY JAN 68

UNI

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | | | |
|--------------|-------------------------------------|-------|-------|------------|-------|--------|-----------|------------|----------|------------------------------------|---------|---------|---------|---------|---------|---------|------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|--|--------------------|-------|-----|-----|-----|----|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | |
| 88/ 87 | | | | | | | | .4 | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | | | |
| 86/ 85 | | | | | | | .2 | .9 | 1.1 | .2 | | | | | | | | | | | | | | | | | | | | | | 13 | 13 | | | | |
| 84/ 83 | | | | | .7 | 2.5 | 10.8 | 2.4 | .7 | | | | | | | | | | | | | | | | | | | | | | | | 95 | 95 | | | |
| 82/ 81 | | | | | 2.0 | 9.4 | 6.3 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | 100 | 100 | | | |
| 80/ 79 | | | | .7 | 3.4 | 9.9 | 1.8 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | 90 | 90 | | | |
| 78/ 77 | | | .2 | 1.3 | 5.6 | 3.1 | .7 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | 62 | 62 | | | |
| 76/ 75 | | | | 4.0 | 4.0 | 1.1 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | 51 | 51 | 7 | | |
| 74/ 73 | | | .5 | 4.3 | 4.3 | 1.3 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | 60 | 60 | 74 | | |
| 72/ 71 | | | | 5.2 | 4.3 | .9 | | | | | | | | | | | | | | | | | | | | | | | | | | | 58 | 58 | 163 | 12 | |
| 70/ 69 | | | | 1.8 | 1.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 17 | 17 | 131 | 34 | |
| 68/ 67 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 70 | 128 | |
| 66/ 65 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 70 | 151 | |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 27 | 99 |
| 62/ 61 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 10 | 69 | |
| 60/ 59 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 40 | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 13 | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| TOTAL | .9 | | .7 | 17.4 | 25.9 | 28.4 | 21.5 | 4.3 | .9 | | | | | | | | | | | | | | | | | | | | | | | | 553 | 553 | 553 | 553 | |
| Element (X) | Σx^2 | | | Σx | | | \bar{x} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | | | | | Total | | | | | | | | | | | | | | | | | |
| Rel. Hum. | 2900074 | | | 35388 | | | 64.0 | 6.019 | 553 | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | 744.0 | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | 3396418 | | | 43280 | | | 78.3 | 4.494 | 553 | | | 738.6 | 636.4 | 370.0 | | 744.0 | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | 2675107 | | | 38427 | | | 69.5 | 2.973 | 553 | | | 598.7 | 109.0 | | | 744.0 | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | 2328812 | | | 35844 | | | 64.8 | 3.156 | 553 | | | 234.1 | 1.3 | | | 744.0 | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

MONTH

HOURS (L.S.T.)

55 PSYCHROMETRIC SUMMA JAN 68

[illegible]

05 PSYCHROMETRIC SUMM
JAN 68

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
|---------|--------------|-------|-------|

HOURS (L.S.T.)

NAVWEASERVCOM

575 PSYCHROMETRIC SUMMA JAN 68

HOURS (L.S.T.)

YEARS

NAVWEASERVCOM

PSYCHROMETRIC SUMMA JAN 68

HOURS (L.S.T.)

YEARS

NAVWEASERVCOM

51-55 PSYCHROMETRIC SUMMA JAN 68

HOURS (L.S.T.)

YEARS

NAVWEASERVCOM

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

22501

BARKING SANDS, HAWAII

73-76

| STATION | | STATION NAME | | | | | | | | | | | | YEARS | |
|--------------|-----------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--|
| HRS.(L.S.T.) | | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ANNUAL | |
| 02 | MEAN | 71.0 | 66.8 | 67.2 | 69.5 | 70.1 | 70.6 | 70.9 | 73.0 | 72.6 | 71.7 | 69.9 | 67.6 | 69.9 | |
| | S. D. | 3.856 | 2.621 | 2.934 | 1.842 | 1.825 | 1.914 | 8.835 | 1.633 | 1.693 | 1.890 | 2.403 | 2.332 | 3.982 | |
| | TOTAL OBS | 31 | 71 | 92 | 59 | 61 | 60 | 62 | 61 | 58 | 59 | 30 | 60 | 704 | |
| 05 | MEAN | 70.6 | 66.4 | 66.6 | 69.2 | 69.1 | 69.7 | 70.7 | 69.4 | 71.8 | 71.4 | 69.3 | 67.1 | 69.0 | |
| | S. D. | 3.880 | 2.543 | 3.164 | 2.137 | 1.990 | 2.015 | 2.834 | 2.683 | 1.849 | 2.166 | 2.294 | 2.766 | 4.787 | |
| | TOTAL OBS | 31 | 71 | 92 | 59 | 61 | 60 | 62 | 61 | 58 | 59 | 30 | 61 | 705 | |
| 08 | MEAN | 67.8 | 67.6 | 70.0 | 74.6 | 77.6 | 77.5 | 78.8 | 78.5 | 77.7 | 76.0 | 71.7 | 67.7 | 73.7 | |
| | S. D. | 4.444 | 3.088 | 3.011 | 2.674 | 1.762 | 2.215 | 1.992 | 2.205 | 2.580 | 2.807 | 2.324 | 2.434 | 5.166 | |
| | TOTAL OBS | 94 | 100 | 93 | 82 | 83 | 90 | 83 | 83 | 89 | 91 | 68 | 72 | 1028 | |
| 11 | MEAN | 76.1 | 76.5 | 77.2 | 78.7 | 79.3 | 79.3 | 80.9 | 81.3 | 81.5 | 81.1 | 78.7 | 76.6 | 78.9 | |
| | S. D. | 2.720 | 2.513 | 3.249 | 2.397 | 1.685 | 2.444 | 1.349 | 1.709 | 2.106 | 1.995 | 2.465 | 2.715 | 3.025 | |
| | TOTAL OBS | 94 | 100 | 93 | 82 | 83 | 90 | 83 | 82 | 89 | 91 | 68 | 73 | 1028 | |
| 14 | MEAN | 76.8 | 77.9 | 78.5 | 79.9 | 80.7 | 80.8 | 82.3 | 82.5 | 82.3 | 81.8 | 79.0 | 77.2 | 80.0 | |
| | S. D. | 2.881 | 2.350 | 3.144 | 2.498 | 1.883 | 2.297 | 2.231 | 2.663 | 2.396 | 2.228 | 2.972 | 2.707 | 3.217 | |
| | TOTAL OBS | 94 | 100 | 93 | 82 | 83 | 90 | 83 | 82 | 89 | 90 | 68 | 71 | 1025 | |
| 17 | MEAN | 75.3 | 77.1 | 77.2 | 79.4 | 80.1 | 80.2 | 82.0 | 82.8 | 81.7 | 80.9 | 77.9 | 76.4 | 79.2 | |
| | S. D. | 2.784 | 2.501 | 3.702 | 2.694 | 2.030 | 1.821 | 2.322 | 1.707 | 2.214 | 2.379 | 2.861 | 3.247 | 3.427 | |
| | TOTAL OBS | 93 | 80 | 93 | 82 | 83 | 90 | 62 | 62 | 89 | 90 | 49 | 49 | 922 | |
| 20 | MEAN | 69.9 | 70.7 | 72.1 | 75.2 | 76.1 | 76.4 | 78.1 | 78.9 | 77.2 | 75.1 | 72.8 | 70.4 | 74.3 | |
| | S. D. | 3.326 | 2.305 | 3.173 | 2.202 | 1.628 | 1.935 | 1.773 | 2.231 | 2.104 | 1.819 | 1.888 | 2.046 | 3.767 | |
| | TOTAL OBS | 93 | 71 | 93 | 57 | 62 | 90 | 62 | 61 | 89 | 90 | 59 | 61 | 888 | |
| 23 | MEAN | 68.4 | 67.7 | 68.7 | 71.2 | 71.8 | 71.9 | 74.0 | 74.6 | 73.6 | 72.4 | 70.9 | 68.6 | 71.1 | |
| | S. D. | 4.025 | 2.275 | 2.989 | 2.345 | 1.825 | 2.757 | 1.824 | 2.589 | 1.976 | 2.171 | 1.971 | 2.901 | 3.437 | |
| | TOTAL OBS | 93 | 71 | 92 | 58 | 62 | 89 | 62 | 61 | 88 | 88 | 58 | 61 | 883 | |
| ALL HOURS | MEAN | 72.2 | 71.7 | 72.2 | 75.3 | 76.2 | 76.3 | 77.6 | 78.0 | 77.8 | 76.8 | 74.4 | 71.5 | 75.0 | |
| | S. D. | 4.999 | 5.398 | 5.536 | 4.713 | 4.622 | 4.544 | 5.592 | 6.414 | 4.408 | 4.607 | 4.469 | 5.002 | 5.604 | |
| | TOTAL OBS | 623 | 664 | 741 | 561 | 578 | 659 | 559 | 553 | 649 | 698 | 430 | 508 | 7183 | |

PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

NAVWEASERVCOM

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

22501 BARKING SANDS, HAWAII

73-76

| STATION | | STATION NAME | | | | | | | | | | | | YEARS | |
|--------------|-----------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--|
| HRS.(L.S.T.) | | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ANNUAL | |
| 02 | MEAN | 66.3 | 61.9 | 62.6 | 63.5 | 64.5 | 65.0 | 65.6 | 66.1 | 66.3 | 66.6 | 66.1 | 62.6 | 64.5 | |
| | S. D. | 4.714 | 3.173 | 3.511 | 2.602 | 1.659 | 1.899 | 2.771 | 2.176 | 2.531 | 2.406 | 2.638 | 2.869 | 3.243 | |
| | TOTAL OBS | 29 | 69 | 92 | 59 | 61 | 52 | 61 | 61 | 58 | 59 | 30 | 51 | 682 | |
| 05 | MEAN | 65.7 | 61.4 | 62.0 | 63.3 | 63.8 | 64.7 | 64.7 | 64.5 | 65.4 | 66.5 | 65.1 | 62.3 | 63.9 | |
| | S. D. | 4.712 | 3.011 | 3.607 | 2.525 | 1.846 | 2.212 | 2.440 | 8.456 | 2.294 | 2.381 | 2.596 | 3.008 | 3.979 | |
| | TOTAL OBS | 29 | 67 | 92 | 59 | 61 | 52 | 62 | 60 | 58 | 59 | 30 | 52 | 681 | |
| 08 | MEAN | 64.3 | 62.7 | 65.2 | 67.1 | 68.9 | 69.0 | 69.6 | 70.0 | 69.4 | 69.7 | 66.9 | 63.3 | 67.2 | |
| | S. D. | 4.207 | 2.965 | 3.246 | 2.347 | 1.817 | 1.749 | 2.079 | 1.919 | 2.174 | 2.435 | 2.717 | 2.725 | 3.679 | |
| | TOTAL OBS | 93 | 98 | 93 | 82 | 83 | 88 | 83 | 83 | 89 | 91 | 68 | 66 | 1017 | |
| 11 | MEAN | 68.9 | 67.4 | 68.1 | 68.8 | 69.6 | 69.8 | 70.6 | 71.3 | 71.9 | 72.2 | 70.3 | 68.8 | 69.8 | |
| | S. D. | 2.922 | 2.624 | 2.718 | 2.169 | 1.284 | 1.685 | 1.380 | 1.473 | 1.633 | 1.342 | 2.635 | 2.749 | 2.581 | |
| | TOTAL OBS | 93 | 98 | 93 | 82 | 83 | 88 | 83 | 82 | 89 | 91 | 68 | 66 | 1016 | |
| 14 | MEAN | 69.3 | 68.3 | 68.8 | 69.3 | 70.2 | 70.5 | 71.0 | 71.6 | 72.4 | 72.5 | 70.6 | 68.6 | 70.3 | |
| | S. D. | 2.779 | 2.370 | 2.467 | 2.067 | 1.204 | 1.212 | 1.092 | 1.562 | 1.337 | 1.392 | 2.053 | 2.883 | 2.414 | |
| | TOTAL OBS | 93 | 98 | 93 | 82 | 83 | 88 | 83 | 82 | 89 | 90 | 68 | 64 | 1013 | |
| 17 | MEAN | 68.7 | 67.8 | 68.3 | 69.1 | 70.1 | 70.4 | 71.2 | 72.0 | 72.2 | 72.1 | 69.8 | 67.8 | 70.0 | |
| | S. D. | 2.840 | 2.292 | 2.530 | 1.875 | 1.259 | 1.181 | 1.148 | 1.234 | 1.357 | 1.395 | 2.305 | 3.025 | 2.493 | |
| | TOTAL OBS | 92 | 80 | 93 | 82 | 83 | 88 | 62 | 62 | 89 | 90 | 49 | 42 | 912 | |
| 20 | MEAN | 65.9 | 65.0 | 65.9 | 67.1 | 68.4 | 68.4 | 69.3 | 70.1 | 70.4 | 69.4 | 67.5 | 64.8 | 67.7 | |
| | S. D. | 3.468 | 2.564 | 3.269 | 2.453 | 1.690 | 1.984 | 1.761 | 1.866 | 1.955 | 1.986 | 2.480 | 2.873 | 3.081 | |
| | TOTAL OBS | 91 | 69 | 93 | 57 | 62 | 82 | 62 | 61 | 88 | 90 | 59 | 51 | 865 | |
| 23 | MEAN | 64.6 | 62.6 | 63.6 | 64.4 | 65.5 | 65.6 | 66.8 | 67.4 | 67.3 | 67.5 | 66.1 | 63.4 | 65.4 | |
| | S. D. | 3.942 | 2.903 | 3.378 | 2.569 | 1.853 | 2.591 | 2.466 | 2.422 | 2.391 | 2.244 | 2.615 | 3.079 | 3.219 | |
| | TOTAL OBS | 91 | 67 | 92 | 58 | 62 | 81 | 62 | 61 | 87 | 88 | 58 | 51 | 858 | |
| ALL HOURS | MEAN | 66.9 | 64.9 | 65.6 | 66.9 | 67.9 | 68.3 | 68.8 | 69.4 | 69.8 | 69.9 | 68.2 | 65.3 | 67.6 | |
| | S. D. | 4.071 | 3.825 | 3.991 | 3.252 | 2.839 | 2.828 | 3.025 | 4.132 | 3.140 | 3.001 | 3.133 | 3.883 | 3.854 | |
| | TOTAL OBS | 611 | 646 | 741 | 561 | 578 | 619 | 558 | 552 | 647 | 658 | 430 | 443 | 7044 | |

NAVWEASERVCOM

5707 MEANS AND STANDARD DEVIATIONS JAN 68

PRINTED BY THE STANDARD RECORDING COMPANY, U. S. A.

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

22501 BARKING SANDS, HAWAII

73-76

| STATION | | STATION NAME | | | | | | | | | | | YEARS | | | | | | | | | | | | | | | |
|--------------|-----------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|------|--|------|--|------|--|------|--|------|--|--------|--|--|
| HRS.(L.S.T.) | | JAN. | | FEB. | | MAR. | | APR. | | MAY | | JUN. | | JUL. | | AUG. | | SEP. | | OCT. | | NOV. | | DEC. | | ANNUAL | | |
| 02 | MEAN | 63.4 | 58.4 | 59.7 | 59.6 | 61.2 | 61.6 | 61.8 | 62.0 | 62.7 | 63.7 | 63.8 | 59.3 | 61.1 | | | | | | | | | | | | | | |
| | S. D. | 6,015 | 4,171 | 4,604 | 3,833 | 2,088 | 2,585 | 3,555 | 3,095 | 3,510 | 3,358 | 3,326 | 3,761 | 4,069 | | | | | | | | | | | | | | |
| | TOTAL OBS | 29 | 69 | 92 | 60 | 61 | 52 | 61 | 61 | 58 | 59 | 30 | 51 | 683 | | | | | | | | | | | | | | |
| 05 | MEAN | 62.9 | 58.0 | 58.9 | 59.5 | 60.6 | 61.5 | 61.0 | 61.9 | 61.5 | 63.6 | 62.6 | 59.2 | 60.7 | | | | | | | | | | | | | | |
| | S. D. | 3,957 | 3,968 | 4,599 | 3,549 | 2,302 | 2,811 | 3,641 | 2,722 | 3,357 | 3,007 | 3,450 | 4,000 | 3,995 | | | | | | | | | | | | | | |
| | TOTAL OBS | 29 | 67 | 92 | 60 | 61 | 52 | 62 | 59 | 58 | 59 | 30 | 52 | 681 | | | | | | | | | | | | | | |
| 06 | MEAN | 62.2 | 59.6 | 62.4 | 62.9 | 64.1 | 64.4 | 64.6 | 65.4 | 64.9 | 66.4 | 64.2 | 60.6 | 63.5 | | | | | | | | | | | | | | |
| | S. D. | 4,713 | 3,963 | 4,191 | 3,445 | 2,612 | 2,642 | 3,327 | 2,812 | 3,161 | 3,080 | 3,815 | 3,910 | 4,015 | | | | | | | | | | | | | | |
| | TOTAL OBS | 93 | 98 | 93 | 82 | 83 | 88 | 83 | 83 | 83 | 89 | 91 | 68 | 1017 | | | | | | | | | | | | | | |
| 11 | MEAN | 65.0 | 62.2 | 63.0 | 63.2 | 64.6 | 64.8 | 65.2 | 66.1 | 67.3 | 67.9 | 65.9 | 64.3 | 64.9 | | | | | | | | | | | | | | |
| | S. D. | 4,462 | 4,044 | 3,839 | 3,225 | 2,079 | 2,343 | 2,335 | 2,199 | 2,387 | 2,109 | 3,957 | 4,251 | 3,617 | | | | | | | | | | | | | | |
| | TOTAL OBS | 93 | 98 | 93 | 82 | 83 | 88 | 83 | 82 | 89 | 91 | 68 | 66 | 1016 | | | | | | | | | | | | | | |
| 14 | MEAN | 65.3 | 62.8 | 63.4 | 63.5 | 64.7 | 65.2 | 65.2 | 66.4 | 67.5 | 68.0 | 66.3 | 63.8 | 65.2 | | | | | | | | | | | | | | |
| | S. D. | 4,363 | 3,711 | 3,546 | 3,015 | 2,000 | 1,769 | 1,924 | 2,031 | 1,901 | 2,334 | 3,475 | 4,401 | 3,397 | | | | | | | | | | | | | | |
| | TOTAL OBS | 93 | 98 | 93 | 82 | 83 | 88 | 83 | 82 | 89 | 90 | 68 | 64 | 1013 | | | | | | | | | | | | | | |
| 17 | MEAN | 64.9 | 62.6 | 63.4 | 63.4 | 64.8 | 65.3 | 65.6 | 66.6 | 67.6 | 67.9 | 65.3 | 62.7 | 65.1 | | | | | | | | | | | | | | |
| | S. D. | 4,390 | 3,419 | 3,538 | 2,695 | 1,921 | 1,853 | 2,117 | 2,191 | 1,892 | 2,212 | 3,822 | 4,541 | 3,411 | | | | | | | | | | | | | | |
| | TOTAL OBS | 92 | 80 | 93 | 82 | 83 | 88 | 62 | 62 | 89 | 90 | 49 | 42 | 912 | | | | | | | | | | | | | | |
| 20 | MEAN | 63.6 | 61.5 | 62.2 | 62.3 | 64.0 | 63.9 | 64.5 | 65.5 | 66.8 | 66.4 | 64.5 | 61.2 | 64.0 | | | | | | | | | | | | | | |
| | S. D. | 4,484 | 3,845 | 4,435 | 3,540 | 2,614 | 2,791 | 2,979 | 2,761 | 2,968 | 2,878 | 3,706 | 4,285 | 3,921 | | | | | | | | | | | | | | |
| | TOTAL OBS | 91 | 69 | 93 | 60 | 62 | 82 | 62 | 62 | 61 | 88 | 90 | 59 | 868 | | | | | | | | | | | | | | |
| 23 | MEAN | 62.3 | 59.1 | 60.4 | 60.1 | 61.8 | 61.8 | 62.5 | 63.2 | 63.8 | 64.8 | 63.2 | 60.0 | 62.0 | | | | | | | | | | | | | | |
| | S. D. | 4,642 | 4,084 | 4,440 | 3,757 | 2,523 | 3,160 | 3,758 | 3,189 | 3,238 | 2,909 | 3,962 | 4,069 | 4,046 | | | | | | | | | | | | | | |
| | TOTAL OBS | 91 | 67 | 92 | 60 | 62 | 82 | 62 | 61 | 87 | 88 | 58 | 51 | 861 | | | | | | | | | | | | | | |
| ALL HOURS | MEAN | 63.8 | 60.7 | 61.7 | 62.0 | 63.4 | 63.8 | 63.9 | 64.8 | 65.6 | 66.3 | 64.7 | 61.5 | 63.5 | | | | | | | | | | | | | | |
| | S. D. | 4,801 | 4,278 | 4,463 | 3,707 | 2,736 | 2,894 | 3,370 | 3,155 | 3,498 | 3,167 | 3,885 | 4,537 | 4,127 | | | | | | | | | | | | | | |
| | TOTAL OBS | 611 | 646 | 741 | 568 | 578 | 620 | 598 | 551 | 647 | 658 | 430 | 443 | 7051 | | | | | | | | | | | | | | |

NAVWEASERVCOM

5707 MEANS AND STANDARD DEVIATIONS JAN 68

PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

RELATIVE HUMIDITY

22501

BARKING SANDS, HAWAII

73-76

JAN

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|-------------------|--|-------|-------|-------|-------|-------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | 02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 96.6 | 89.2 | 37.9 | 6.9 | 77.9 | 29 |
| | 05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 96.6 | 79.3 | 44.8 | 10.3 | 77.8 | 29 |
| | 08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 91.4 | 67.7 | 16.1 | 83.1 | 93 |
| | 11 | 100.0 | 100.0 | 100.0 | 100.0 | 95.7 | 77.4 | 50.5 | 16.1 | 3.2 | 69.4 | 93 |
| | 14 | 100.0 | 100.0 | 100.0 | 98.9 | 94.6 | 69.9 | 49.2 | 14.0 | 3.2 | 68.8 | 93 |
| | 17 | 100.0 | 100.0 | 100.0 | 100.0 | 93.5 | 79.3 | 57.6 | 23.9 | 2.2 | 71.1 | 92 |
| | 20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.6 | 87.9 | 58.2 | 16.5 | 81.3 | 91 |
| | 23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 87.9 | 56.0 | 17.6 | 81.8 | 91 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 99.9 | 98.0 | 89.4 | 74.4 | 39.8 | 9.5 | 76.4 | 611 |

RELATIVE HUMIDITY

22501

BARKING SANDS, HAWAII

73-76

FEB

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|-------------------|--|-------|-------|-------|-------|-------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| FEB | 02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 69.2 | 29.0 | 4.3 | 74.8 | 69 |
| | 05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.5 | 69.7 | 22.4 | 4.5 | 74.9 | 67 |
| | 08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.0 | 98.0 | 74.4 | 32.7 | 10.2 | 76.4 | 98 |
| | 11 | 100.0 | 100.0 | 100.0 | 100.0 | 91.8 | 50.0 | 17.4 | 3.1 | 2.0 | 62.1 | 98 |
| | 14 | 100.0 | 100.0 | 100.0 | 99.0 | 90.8 | 45.9 | 11.2 | 2.0 | 2.0 | 60.6 | 98 |
| | 17 | 100.0 | 100.0 | 100.0 | 100.0 | 92.5 | 47.5 | 19.0 | 1.3 | 1.3 | 61.4 | 80 |
| | 20 | 100.0 | 100.0 | 100.0 | 100.0 | 98.6 | 91.3 | 74.5 | 17.4 | 1.4 | 73.4 | 69 |
| | 23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 97.0 | 69.7 | 29.9 | | 74.2 | 67 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 99.9 | 96.6 | 78.5 | 48.4 | 17.2 | 3.2 | 69.7 | 646 |

NAVWEASERVCOM

5706 RELATIVE HUMIDITY JAN 68

PRINTED BY THE STANDARD REPRODUCER COMPANY, U. S. A.

RELATIVE HUMIDITY

22501

BARKING SANDS, HAWAII

73-75

MAR

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|-------------------|--|-------|-------|-------|-------|------|------|------|-----|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAR | 02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 97.8 | 81.5 | 35.9 | 3.3 | 77.1 | 92 |
| | 05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.7 | 72.3 | 41.3 | 2.2 | 77.0 | 92 |
| | 08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.7 | 80.6 | 38.7 | 5.4 | 77.3 | 93 |
| | 11 | 100.0 | 100.0 | 100.0 | 100.0 | 93.5 | 45.2 | 18.3 | 6.5 | 1.1 | 62.2 | 93 |
| | 14 | 100.0 | 100.0 | 100.0 | 100.0 | 90.3 | 39.8 | 18.1 | 3.2 | | 60.5 | 93 |
| | 17 | 100.0 | 100.0 | 100.0 | 98.9 | 94.6 | 53.8 | 20.4 | 7.5 | 2.2 | 63.2 | 93 |
| | 20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 88.2 | 55.9 | 19.4 | 1.1 | 71.6 | 93 |
| | 23 | 100.0 | 100.0 | 100.0 | 100.0 | 98.9 | 95.7 | 74.6 | 34.8 | 4.3 | 75.5 | 92 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 99.9 | 97.2 | 76.5 | 52.1 | 23.4 | 2.5 | 70.6 | 741 |

NAVWEASERVCOM

5706 RELATIVE HUMIDITY JAN 68

PRINTED BY THE STANDARD REGISTRATION COMPANY, U. S. A.

RELATIVE HUMIDITY

22501

BARKING SANDS, HAWAII

73-75

APR

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|-------------------|--|-------|-------|-------|-------|------|------|------|-----|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| APR | 02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 88.1 | 62.7 | 11.9 | | 71.1 | 59 |
| | 05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 93.2 | 57.6 | 13.6 | | 71.4 | 59 |
| | 08 | 100.0 | 100.0 | 100.0 | 100.0 | 96.3 | 74.4 | 30.6 | 11.0 | | 67.5 | 82 |
| | 11 | 100.0 | 100.0 | 100.0 | 100.0 | 92.7 | 35.4 | 0.5 | 1.2 | | 59.5 | 82 |
| | 14 | 100.0 | 100.0 | 100.0 | 100.0 | 87.8 | 28.0 | 2.9 | | | 57.7 | 82 |
| | 17 | 100.0 | 100.0 | 100.0 | 100.0 | 93.9 | 34.1 | 0.5 | | | 58.6 | 82 |
| | 20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 61.4 | 27.8 | | | 64.7 | 57 |
| | 23 | 100.0 | 100.0 | 100.0 | 100.0 | 98.3 | 87.9 | 42.1 | 6.9 | | 68.7 | 58 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 100.0 | 96.1 | 62.8 | 31.5 | 5.6 | | 64.9 | 561 |

NAVWEASERVCOM

5706 RELATIVE HUMIDITY JAN 68

PRINTED BY THE STANDARD RECORDING COMPANY, U. S. A.

RELATIVE HUMIDITY

22501

BARKING SANDS, HAWAII

73-75

MAY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|-------------------|--|-------|-------|-------|-------|-------|------|------|-----|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAY | 02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.4 | 83.6 | 13.1 | | 73.8 | 61 |
| | 05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 83.6 | 19.7 | | 74.7 | 61 |
| | 08 | 100.0 | 100.0 | 100.0 | 100.0 | 97.6 | 67.5 | 2.6 | 1.2 | | 63.5 | 83 |
| | 11 | 100.0 | 100.0 | 100.0 | 98.8 | 97.6 | 49.4 | 2.4 | | | 60.8 | 83 |
| | 14 | 100.0 | 100.0 | 100.0 | 100.0 | 96.4 | 25.3 | 2.0 | 1.2 | | 58.5 | 83 |
| | 17 | 100.0 | 100.0 | 100.0 | 100.0 | 95.2 | 34.9 | 2.8 | 2.4 | | 59.8 | 83 |
| | 20 | 100.0 | 100.0 | 100.0 | 100.0 | 96.8 | 87.1 | 27.4 | 3.2 | | 66.7 | 62 |
| | 23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 96.8 | 52.7 | 6.5 | | 71.1 | 62 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 99.9 | 98.0 | 69.9 | 32.6 | 5.9 | | 66.1 | 578 |

5706 RELATIVE HUMIDITY JAN 68

PRINTED BY THE STANDARD RECORD COMPANY, U. S. A.

NAVWEASERVCOM

RELATIVE HUMIDITY

22501

BARKING SANDS, HAWAII

73-75

JUN

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|-------------------|--|-------|-------|-------|-------|-------|------|------|-----|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUN | 02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.1 | 71.2 | 15.4 | | 73.2 | 52 |
| | 05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 84.6 | 23.1 | | 75.3 | 52 |
| | 08 | 100.0 | 100.0 | 100.0 | 100.0 | 98.9 | 65.9 | 21.6 | 2.3 | 1.1 | 64.5 | 88 |
| | 11 | 100.0 | 100.0 | 100.0 | 100.0 | 98.9 | 46.6 | 10.2 | 2.3 | 1.1 | 61.4 | 88 |
| | 14 | 100.0 | 100.0 | 100.0 | 100.0 | 97.7 | 31.8 | 4.5 | 2.3 | | 59.3 | 88 |
| | 17 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 40.9 | 2.7 | 2.3 | | 60.7 | 88 |
| | 20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 76.8 | 24.0 | 1.2 | | 65.3 | 82 |
| | 23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 92.6 | 52.1 | 9.9 | 1.2 | 71.2 | 81 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 69.1 | 34.1 | 7.4 | .4 | 66.4 | 619 |

NAVWEASERVCOM

5706 RELATIVE HUMIDITY JAN 68

PRINTED BY THE STANDARD REGISTRATION COMPANY, U. S. A.

RELATIVE HUMIDITY

22501 BARKING SANDS, HAWAII 73-75 JUL

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|-------------------|--|-------|-------|-------|------|------|------|------|-----|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUL | 02 | 100.0 | 100.0 | 100.0 | 100.0 | 98.4 | 91.8 | 57.4 | 11.5 | 3.3 | 71.1 | 61 |
| | 05 | 100.0 | 100.0 | 100.0 | 100.0 | 96.8 | 90.3 | 61.3 | 19.4 | 4.8 | 72.3 | 62 |
| | 08 | 100.0 | 100.0 | 100.0 | 100.0 | 94.0 | 84.2 | 15.7 | 2.4 | | 62.4 | 83 |
| | 11 | 100.0 | 100.0 | 100.0 | 100.0 | 94.0 | 41.0 | 2.6 | | | 59.3 | 83 |
| | 14 | 100.0 | 100.0 | 100.0 | 100.0 | 89.2 | 19.3 | 2.6 | 3.6 | | 56.9 | 83 |
| | 17 | 100.0 | 100.0 | 100.0 | 100.0 | 88.7 | 35.5 | 9.5 | 3.2 | | 58.2 | 62 |
| | 20 | 100.0 | 100.0 | 100.0 | 100.0 | 95.2 | 53.2 | 17.7 | 1.6 | | 63.4 | 62 |
| | 23 | 100.0 | 100.0 | 100.0 | 100.0 | 95.2 | 79.0 | 40.3 | 6.5 | | 68.0 | 62 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 100.0 | 93.9 | 58.0 | 29.8 | 6.0 | 1.0 | 64.0 | 558 |

RELATIVE HUMIDITY

22501

BARKING SANDS, HAWAII

73-75

AUG

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|-------------------|--|-------|-------|-------|-------|------|------|-----|-----|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| AUG | 02 | 100.0 | 100.0 | 100.0 | 100.0 | 98.4 | 93.4 | 47.5 | | | 68.8 | 61 |
| | 05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.3 | 62.7 | 3.4 | 3.4 | 71.8 | 59 |
| | 08 | 100.0 | 100.0 | 100.0 | 100.0 | 98.8 | 65.1 | 21.7 | 2.4 | | 64.5 | 83 |
| | 11 | 100.0 | 100.0 | 100.0 | 100.0 | 97.6 | 46.3 | 2.4 | | | 60.4 | 82 |
| | 14 | 100.0 | 100.0 | 100.0 | 100.0 | 93.9 | 30.5 | 2.7 | 1.2 | 1.2 | 58.9 | 82 |
| | 17 | 100.0 | 100.0 | 100.0 | 100.0 | 91.9 | 32.3 | 2.8 | | | 58.6 | 62 |
| | 20 | 100.0 | 100.0 | 100.0 | 100.0 | 96.7 | 72.1 | 12.8 | 1.6 | 1.6 | 64.0 | 61 |
| | 23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 82.0 | 34.4 | 4.9 | 1.6 | 68.1 | 61 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 100.0 | 97.2 | 65.0 | 22.0 | 1.7 | 1.0 | 64.4 | 551 |

NAVWEASERVCOM

5706 RELATIVE HUMIDITY JAN 68

PRINTED BY THE STANDARD REPRODUCER COMPANY, U. S. A.

5706 RELATIVE HUMIDITY JAN 68

SEP

MONTH

1

PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

12

RELATIVE HUMIDITY

22501

BARKING SANDS, HAWAII

73-75

OCT

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|-------------------|--|-------|-------|-------|-------|-------|------|------|-----|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| OCT | 02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.3 | 75.3 | 32.2 | 1.7 | 76.2 | 59 |
| | 05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 88.1 | 33.9 | | 76.6 | 59 |
| | 08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 92.3 | 62.6 | 16.5 | 1.1 | 72.6 | 91 |
| | 11 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 73.6 | 15.7 | 1.1 | | 64.7 | 91 |
| | 14 | 100.0 | 100.0 | 100.0 | 100.0 | 97.8 | 62.2 | 14.4 | 3.3 | 2.2 | 63.5 | 90 |
| | 17 | 100.0 | 100.0 | 100.0 | 100.0 | 98.9 | 75.6 | 24.2 | 3.3 | 1.1 | 65.3 | 90 |
| | 20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 94.4 | 75.9 | 26.7 | 1.1 | 74.7 | 90 |
| | 23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 87.5 | 28.4 | 1.1 | 77.4 | 88 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 87.1 | 59.1 | 18.2 | 1.0 | 71.4 | 658 |

RELATIVE HUMIDITY

22501

BARKING SANDS, HAWAII

73-75

NDV

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|-------------------|--|-------|-------|-------|-------|-------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| NDV | 02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 63.3 | 3.3 | 81.4 | 30 |
| | 05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 83.3 | 46.7 | 10.0 | 79.6 | 30 |
| | 08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.6 | 89.8 | 36.8 | 4.4 | 77.6 | 68 |
| | 11 | 100.0 | 100.0 | 100.0 | 97.1 | 97.1 | 69.1 | 24.5 | 7.4 | 1.5 | 65.7 | 68 |
| | 14 | 100.0 | 100.0 | 100.0 | 100.0 | 94.1 | 61.8 | 29.5 | 11.8 | 1.5 | 66.0 | 68 |
| | 17 | 100.0 | 100.0 | 100.0 | 100.0 | 93.9 | 67.3 | 34.7 | 10.2 | 2.0 | 66.2 | 49 |
| | 20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 89.8 | 78.0 | 35.6 | 3.4 | 76.0 | 59 |
| | 23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 93.1 | 72.3 | 50.0 | 1.7 | 77.4 | 58 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 99.6 | 98.1 | 84.6 | 64.9 | 32.7 | 3.5 | 73.7 | 430 |

NAVWEASERVCOM

5706 RELATIVE HUMIDITY JAN 68

PRINTED BY THE STANDARD RECORD COMPANY, U. S. A.

AD-A067 677

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE N C
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS). BARKING--ETC (U)
JUL 78

F/G 4/2

UNCLASSIFIED

NL

4 OF 4

AD
A0676 T



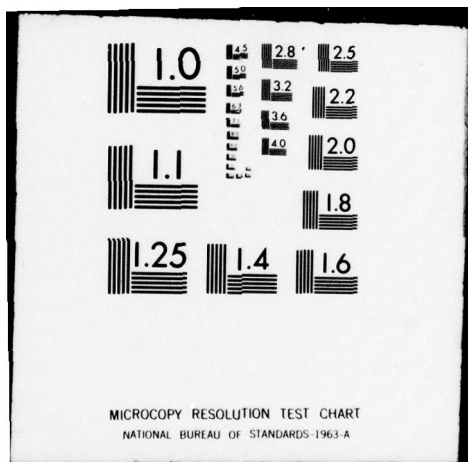
END

DATE

FILMED

6 -79

DOC



RELATIVE HUMIDITY

5706 RELATIVE HUMIDITY JAN 68

22501

BARKING SANDS, HAWAII

73-75

DEC

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|-------------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| DEC | 02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 94.1 | 82.4 | 29.4 | | 75.1 | 51 |
| | 05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 94.2 | 80.8 | 24.6 | 2.8 | 76.2 | 52 |
| | 08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.5 | 77.3 | 47.0 | 12.1 | 79.1 | 66 |
| | 11 | 100.0 | 100.0 | 100.0 | 100.0 | 93.9 | 63.6 | 37.9 | 10.6 | | 66.4 | 66 |
| | 14 | 100.0 | 100.0 | 100.0 | 100.0 | 93.8 | 50.0 | 27.7 | 7.8 | | 64.0 | 64 |
| | 17 | 100.0 | 100.0 | 100.0 | 100.0 | 92.9 | 45.2 | 22.8 | 7.1 | | 62.5 | 42 |
| | 20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 94.1 | 62.7 | 27.5 | | 72.9 | 51 |
| | 23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 94.1 | 72.5 | 19.6 | 2.0 | 74.6 | 51 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 100.0 | 97.6 | 79.2 | 58.9 | 23.0 | 2.2 | 71.4 | 443 |

NAVWEASERVCOM

RELATIVE HUMIDITY

22501

BARKING SANDS, HAWAII

73-76

ALL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|--------|-------------------|--|-------|-------|-------|------|------|------|------|-----|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | ALL | 100.0 | 100.0 | 100.0 | 99.9 | 98.0 | 89.4 | 72.4 | 39.8 | 9.5 | 76.4 | 611 |
| FEB | | 100.0 | 100.0 | 100.0 | 99.9 | 96.6 | 78.5 | 55.4 | 17.2 | 3.2 | 69.7 | 646 |
| MAR | | 100.0 | 100.0 | 100.0 | 99.9 | 97.2 | 76.5 | 52.1 | 23.4 | 2.5 | 70.6 | 741 |
| APR | | 100.0 | 100.0 | 100.0 | 100.0 | 96.1 | 62.8 | 31.5 | 5.6 | | 64.9 | 561 |
| MAY | | 100.0 | 100.0 | 100.0 | 99.9 | 98.0 | 69.9 | 32.6 | 5.9 | | 66.1 | 578 |
| JUN | | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 69.1 | 32.1 | 7.4 | .4 | 66.4 | 619 |
| JUL | | 100.0 | 100.0 | 100.0 | 100.0 | 93.9 | 58.0 | 23.8 | 6.0 | 1.0 | 64.0 | 558 |
| AUG | | 100.0 | 100.0 | 100.0 | 100.0 | 97.2 | 65.0 | 22.0 | 1.7 | 1.0 | 64.4 | 551 |
| SEP | | 100.0 | 100.0 | 100.0 | 100.0 | 98.9 | 78.9 | 38.1 | 5.9 | .4 | 67.1 | 647 |
| OCT | | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 87.1 | 52.1 | 18.2 | 1.0 | 71.4 | 658 |
| NOV | | 100.0 | 100.0 | 100.0 | 99.6 | 98.1 | 84.6 | 64.9 | 32.7 | 3.5 | 73.7 | 430 |
| DEC | | 100.0 | 100.0 | 100.0 | 100.0 | 97.6 | 79.2 | 52.9 | 23.0 | 2.2 | 71.4 | 443 |
| TOTALS | | 100.0 | 100.0 | 100.0 | 99.9 | 97.6 | 74.9 | 42.8 | 15.6 | 2.1 | 68.8 | 7043 |

NAVWEASERVCOM

5706 RELATIVE HUMIDITY JAN 68

PRINTED BY THE STANDARD RECORDING COMPANY, U. S. A.

570 ~~REQ.~~ REQ. AIR TEMP. VS. WIND ~~TEMP.~~ R. JAN. 68

ALL
URS (L.

HOURS (L.S.T.)

| TEMP. | NNW & N | NNE & NE | ENE & E | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------|----------------|---------------|
| 122 + | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | | |
| 97 TO 101 | | | | | | | | | | | |
| 92 TO 96 | | | | | | | | | | | |
| 87 TO 91 | | | | | | | | | | | |
| 82 TO 86 | | | | 100.0 | | | | | | 1 | .2 |
| 77 TO 81 | 19.0 | 2.3 | | 9.9 | 23.7 | 19.8 | 16.0 | 14.5 | .8 | 131 | 21.4 |
| 72 TO 76 | 21.0 | 8.2 | 2.1 | 12.4 | 20.6 | 10.3 | 9.0 | 9.4 | 6.9 | 233 | 38.1 |
| 67 TO 71 | 8.6 | 8.6 | 23.8 | 21.9 | 11.3 | .7 | 1.3 | 1.3 | 22.5 | 151 | 24.7 |
| 62 TO 66 | 5.5 | 11.0 | 44.0 | 15.4 | | | | | 24.2 | 91 | 14.9 |
| 57 TO 61 | | 20.0 | 40.0 | 20.0 | | | | | 20.0 | 5 | .8 |
| 52 TO 56 | | | | | | | | | | | |
| 47 TO 51 | | | | | | | | | | | |
| 42 TO 46 | | | | | | | | | | | |
| 37 TO 41 | | | | | | | | | | | |
| 32 TO 36 | | | | | | | | | | | |
| 27 TO 31 | | | | | | | | | | | |
| 22 TO 26 | | | | | | | | | | | |
| 17 TO 21 | | | | | | | | | | | |
| 12 TO 16 | | | | | | | | | | | |
| 7 TO 11 | | | | | | | | | | | |
| 2 TO 6 | | | | | | | | | | | |
| -3 TO 1 | | | | | | | | | | | |
| -8 TO -4 | | | | | | | | | | | |
| -13 TO -9 | | | | | | | | | | | |
| -18 TO -14 | | | | | | | | | | | |
| -23 TO -19 | | | | | | | | | | | |
| -28 TO -24 | | | | | | | | | | | |
| -33 TO -29 | | | | | | | | | | | |
| -38 TO -34 | | | | | | | | | | | |
| -43 TO -39 | | | | | | | | | | | |
| -48 TO -44 | | | | | | | | | | | |
| -53 TO -49 | | | | | | | | | | | |
| -58 TO -54 | | | | | | | | | | | |
| -59 & LWR | | | | | | | | | | | |
| TOTALS | 13.7 | 7.5 | 13.6 | 14.9 | 15.7 | 8.3 | 7.2 | 7.0 | 12.1 | 612 | 100.0 |

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

22901
STATION

BARKING SANDS, HAWAII
STATION NAME

JAN 73 - DEC 77
YEARS

FEBRUARY
MONTH

ALL
HOURS (L.S.T.)

WIND DIRECTION

| TEMP. | NNW & N | NNE & NE | ENE & E | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------|----------------|---------------|
| 122 + | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | | |
| 97 TO 101 | | | | | | | | | | | |
| 92 TO 96 | | | | | | | | | | | |
| 87 TO 91 | | | | | | | | | | | |
| 82 TO 86 | 10.0 | | | 30.0 | 30.0 | 10.0 | 10.0 | | 10.0 | 10 | 1.6 |
| 77 TO 81 | 28.0 | 2.4 | 1.2 | 4.3 | 6.7 | 14.0 | 14.0 | 28.7 | .6 | 164 | 25.5 |
| 72 TO 76 | 36.8 | 2.8 | 4.9 | 8.3 | 8.3 | 6.3 | 8.3 | 13.9 | 10.4 | 144 | 22.4 |
| 67 TO 71 | 12.2 | 14.8 | 34.4 | 16.4 | 4.8 | .5 | .5 | 1.1 | 15.3 | 189 | 29.4 |
| 62 TO 66 | 2.3 | 12.0 | 42.9 | 12.8 | 2.3 | | | | 27.8 | 133 | 20.7 |
| 57 TO 61 | | | 100.0 | | | | | | | 3 | .5 |
| 52 TO 56 | | | | | | | | | | | |
| 47 TO 51 | | | | | | | | | | | |
| 42 TO 46 | | | | | | | | | | | |
| 37 TO 41 | | | | | | | | | | | |
| 32 TO 36 | | | | | | | | | | | |
| 27 TO 31 | | | | | | | | | | | |
| 22 TO 26 | | | | | | | | | | | |
| 17 TO 21 | | | | | | | | | | | |
| 12 TO 16 | | | | | | | | | | | |
| 7 TO 11 | | | | | | | | | | | |
| 2 TO 6 | | | | | | | | | | | |
| -3 TO 1 | | | | | | | | | | | |
| -8 TO -4 | | | | | | | | | | | |
| -13 TO -9 | | | | | | | | | | | |
| -18 TO -14 | | | | | | | | | | | |
| -23 TO -19 | | | | | | | | | | | |
| -28 TO -24 | | | | | | | | | | | |
| -33 TO -29 | | | | | | | | | | | |
| -38 TO -34 | | | | | | | | | | | |
| -43 TO -39 | | | | | | | | | | | |
| -48 TO -44 | | | | | | | | | | | |
| -53 TO -49 | | | | | | | | | | | |
| -58 TO -54 | | | | | | | | | | | |
| -59 & LWR | | | | | | | | | | | |
| TOTALS | 19.6 | 8.1 | 20.8 | 10.9 | 5.9 | 5.3 | 5.8 | 10.7 | 12.9 | 643 | 100.0 |

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

JAN 73 - DEC 77
YEARS

MARCH
MONTH

ALL
HOURS (L.S.T.)

WIND DIRECTION

| TEMP. | NNW & N | NNE & NE | ENE & E | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------|----------------|---------------|
| 122 + | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | | |
| 97 TO 101 | | | | | | | | | | | |
| 92 TO 96 | | | | | | | | | | | |
| 87 TO 91 | | | | | 100.0 | | | | | 1 | .1 |
| 82 TO 86 | 20.7 | | 6.9 | | | 3.4 | 34.5 | 34.5 | | 29 | 4.0 |
| 77 TO 81 | 14.3 | | 1.2 | 2.9 | 14.0 | 7.6 | 24.4 | 32.6 | 2.9 | 172 | 23.9 |
| 72 TO 76 | 19.5 | 4.6 | 5.7 | 12.6 | 17.2 | 7.5 | 9.2 | 6.9 | 16.7 | 174 | 24.1 |
| 67 TO 71 | 10.7 | 9.3 | 23.4 | 19.2 | 7.5 | .9 | .5 | .9 | 27.6 | 214 | 29.7 |
| 62 TO 66 | 4.7 | 2.4 | 44.1 | 19.7 | .8 | | .8 | .8 | 26.8 | 127 | 17.6 |
| 57 TO 61 | | | 66.7 | | | | | | 33.3 | 3 | .4 |
| 52 TO 56 | | | | 100.0 | | | | | | 1 | .1 |
| 47 TO 51 | | | | | | | | | | | |
| 42 TO 46 | | | | | | | | | | | |
| 37 TO 41 | | | | | | | | | | | |
| 32 TO 36 | | | | | | | | | | | |
| 27 TO 31 | | | | | | | | | | | |
| 22 TO 26 | | | | | | | | | | | |
| 17 TO 21 | | | | | | | | | | | |
| 12 TO 16 | | | | | | | | | | | |
| 7 TO 11 | | | | | | | | | | | |
| 2 TO 6 | | | | | | | | | | | |
| -3 TO 1 | | | | | | | | | | | |
| -8 TO -4 | | | | | | | | | | | |
| -13 TO -9 | | | | | | | | | | | |
| -18 TO -14 | | | | | | | | | | | |
| -23 TO -19 | | | | | | | | | | | |
| -28 TO -24 | | | | | | | | | | | |
| -33 TO -29 | | | | | | | | | | | |
| -38 TO -34 | | | | | | | | | | | |
| -43 TO -39 | | | | | | | | | | | |
| -48 TO -44 | | | | | | | | | | | |
| -53 TO -49 | | | | | | | | | | | |
| -58 TO -54 | | | | | | | | | | | |
| -59 & LWR | | | | | | | | | | | |
| TOTALS | 13.0 | 4.3 | 16.9 | 13.0 | 10.0 | 4.0 | 9.7 | 11.2 | 17.8 | 721 | 100.0 |

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

JAN 73 - DEC 77
YEARS

APRIL
MONTH

ALL
HOURS (L.S.T.)

WIND DIRECTION

| TEMP. | NNW & N | NNE & NE | ENE & E | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------|----------------|---------------|
| 122 + | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | | |
| 97 TO 101 | | | | | | | | | | | |
| 92 TO 96 | | | | | | | | | | | |
| 87 TO 91 | | | | | | | | | | | |
| 82 TO 86 | 21.2 | 5.8 | 1.9 | | 3.8 | | 34.6 | 32.7 | | 52 | 9.3 |
| 77 TO 81 | 22.3 | 4.5 | 3.5 | 1.5 | 6.9 | 5.4 | 20.8 | 28.2 | 6.9 | 202 | 36.2 |
| 72 TO 76 | 11.2 | 14.3 | 18.0 | 13.7 | 8.7 | 1.2 | 3.7 | 3.7 | 25.5 | 161 | 28.9 |
| 67 TO 71 | 10.9 | 10.9 | 32.0 | 22.7 | 2.3 | | | .8 | 20.3 | 128 | 22.9 |
| 62 TO 66 | | 20.0 | 20.0 | 20.0 | | | | | 40.0 | 15 | 2.7 |
| 57 TO 61 | | | | | | | | | | | |
| 52 TO 56 | | | | | | | | | | | |
| 47 TO 51 | | | | | | | | | | | |
| 42 TO 46 | | | | | | | | | | | |
| 37 TO 41 | | | | | | | | | | | |
| 32 TO 36 | | | | | | | | | | | |
| 27 TO 31 | | | | | | | | | | | |
| 22 TO 26 | | | | | | | | | | | |
| 17 TO 21 | | | | | | | | | | | |
| 12 TO 16 | | | | | | | | | | | |
| 7 TO 11 | | | | | | | | | | | |
| 2 TO 6 | | | | | | | | | | | |
| -3 TO 1 | | | | | | | | | | | |
| -8 TO -4 | | | | | | | | | | | |
| -13 TO -9 | | | | | | | | | | | |
| -18 TO -14 | | | | | | | | | | | |
| -23 TO -19 | | | | | | | | | | | |
| -28 TO -24 | | | | | | | | | | | |
| -33 TO -29 | | | | | | | | | | | |
| -38 TO -34 | | | | | | | | | | | |
| -43 TO -39 | | | | | | | | | | | |
| -48 TO -44 | | | | | | | | | | | |
| -53 TO -49 | | | | | | | | | | | |
| -58 TO -54 | | | | | | | | | | | |
| -59 & LWR | | | | | | | | | | | |
| TOTALS | 15.8 | 9.3 | 14.5 | 10.2 | 5.9 | 2.3 | 11.8 | 14.5 | 15.6 | 558 | 100.0 |

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

JAN 73 - DEC 77
YEARS

MAY ALL
MONTH HOURS (L.S.T.)

WIND DIRECTION

| TEMP. | NNW & N | NNE & NE | ENE & E | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------|----------------|---------------|
| 122 + | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | | |
| 97 TO 101 | | | | | | | | | | | |
| 92 TO 96 | | | | | | | | | | | |
| 87 TO 91 | | | | 100.0 | | | | | | 1 | .2 |
| 82 TO 86 | 20.8 | 3.8 | | | 9.4 | 3.8 | 37.7 | 24.5 | | 53 | 9.3 |
| 77 TO 81 | 16.1 | 4.1 | 3.4 | 3.4 | 5.6 | 9.7 | 23.2 | 22.5 | 12.0 | 267 | 46.8 |
| 72 TO 76 | 6.8 | 15.3 | 22.0 | 9.3 | 10.2 | 1.7 | 5.1 | 5.1 | 24.6 | 118 | 20.7 |
| 67 TO 71 | | 7.9 | 40.5 | 15.9 | 3.2 | .8 | | | 31.7 | 126 | 22.1 |
| 62 TO 66 | | | 40.0 | 40.0 | | | | | 20.0 | 5 | .9 |
| 57 TO 61 | | | | | | | | | | | |
| 52 TO 56 | | | | | | | | | | | |
| 47 TO 51 | | | | | | | | | | | |
| 42 TO 46 | | | | | | | | | | | |
| 37 TO 41 | | | | | | | | | | | |
| 32 TO 36 | | | | | | | | | | | |
| 27 TO 31 | | | | | | | | | | | |
| 22 TO 26 | | | | | | | | | | | |
| 17 TO 21 | | | | | | | | | | | |
| 12 TO 16 | | | | | | | | | | | |
| 7 TO 11 | | | | | | | | | | | |
| 2 TO 6 | | | | | | | | | | | |
| -3 TO 1 | | | | | | | | | | | |
| -8 TO -4 | | | | | | | | | | | |
| -13 TO -9 | | | | | | | | | | | |
| -18 TO -14 | | | | | | | | | | | |
| -23 TO -19 | | | | | | | | | | | |
| -28 TO -24 | | | | | | | | | | | |
| -33 TO -29 | | | | | | | | | | | |
| -38 TO -34 | | | | | | | | | | | |
| -43 TO -39 | | | | | | | | | | | |
| -48 TO -44 | | | | | | | | | | | |
| -53 TO -49 | | | | | | | | | | | |
| -58 TO -54 | | | | | | | | | | | |
| -59 & LWR | | | | | | | | | | | |
| TOTALS | 10.9 | 7.2 | 15.4 | 7.5 | 6.3 | 5.4 | 15.4 | 15.9 | 17.9 | 570 | 100.0 |

NAVWEASERVCOM

**PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION**

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

JAN 73 - DEC 77
YEARS

JUNE

ALL

HOURS (L.S.T.)

WIND DIRECTION

| TEMP. | NNW & N | NNE & NE | ENE & E | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|-------|----------------|---------------|
| 122 + | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | | |
| 97 TO 101 | | | | | | | | | | | |
| 92 TO 96 | | | | | | | | | | | |
| 87 TO 91 | | | | | | | | | | | |
| 82 TO 86 | 12.5 | | | | 5.0 | 10.0 | 37.5 | 33.8 | 1.3 | 80 | 12.1 |
| 77 TO 81 | 14.6 | 4.5 | 3.8 | 3.5 | 6.6 | 4.2 | 25.0 | 25.0 | 12.8 | 288 | 43.7 |
| 72 TO 76 | 6.7 | 6.1 | 16.0 | 11.0 | 14.1 | 2.5 | 5.5 | 1.8 | 36.2 | 163 | 24.7 |
| 67 TO 71 | .5 | 4.2 | 22.2 | 18.0 | 2.5 | | | | 41.5 | 118 | 17.9 |
| 62 TO 66 | 11.1 | | 23.3 | 11.1 | 11.1 | 11.1 | | | 22.2 | 9 | 1.4 |
| 57 TO 61 | | | | | | | | | 100.0 | 1 | .2 |
| 52 TO 56 | | | | | | | | | | | |
| 47 TO 51 | | | | | | | | | | | |
| 42 TO 46 | | | | | | | | | | | |
| 37 TO 41 | | | | | | | | | | | |
| 32 TO 36 | | | | | | | | | | | |
| 27 TO 31 | | | | | | | | | | | |
| 22 TO 26 | | | | | | | | | | | |
| 17 TO 21 | | | | | | | | | | | |
| 12 TO 16 | | | | | | | | | | | |
| 7 TO 11 | | | | | | | | | | | |
| 2 TO 6 | | | | | | | | | | | |
| -3 TO 1 | | | | | | | | | | | |
| -8 TO -4 | | | | | | | | | | | |
| -13 TO -9 | | | | | | | | | | | |
| -18 TO -14 | | | | | | | | | | | |
| -23 TO -19 | | | | | | | | | | | |
| -28 TO -24 | | | | | | | | | | | |
| -33 TO -29 | | | | | | | | | | | |
| -38 TO -34 | | | | | | | | | | | |
| -43 TO -39 | | | | | | | | | | | |
| -48 TO -44 | | | | | | | | | | | |
| -53 TO -49 | | | | | | | | | | | |
| -58 TO -54 | | | | | | | | | | | |
| -59 & LWR | | | | | | | | | | | |
| TOTALS | 9.9 | 4.2 | 11.8 | 7.7 | 7.6 | 3.8 | 16.8 | 15.3 | 22.6 | 659 | 100.0 |

NAVWEASERVCOM

5709 ~~REQ.~~ REQ. AIR TEMP. VS. WIND DIR. JAN. 68

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

JAN 73 - DEC 77
YEARS

JULY ALL
MONTH HOURS (L.S.T.)

WIND DIRECTION

| TEMP. | NNW & N | NNE & NE | ENE & E | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------|----------------|---------------|
| 122 + | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | | |
| 97 TO 101 | | | | | | | | | | | |
| 92 TO 96 | | | | | | | | | | | |
| 87 TO 91 | | | | | | | | 100.0 | | 1 | .2 |
| 82 TO 86 | 10.1 | 1.4 | | .7 | 3.6 | 14.5 | 42.0 | 26.1 | 1.4 | 130 | 24.7 |
| 77 TO 81 | 10.5 | 3.1 | 5.3 | 7.9 | 7.9 | 5.3 | 19.3 | 18.9 | 21.9 | 228 | 40.8 |
| 72 TO 76 | 4.2 | 12.6 | 27.7 | 19.3 | | | .8 | | 35.3 | 119 | 21.3 |
| 67 TO 71 | 1.4 | 5.8 | 52.2 | 13.0 | 1.4 | | | | 26.1 | 69 | 12.3 |
| 62 TO 66 | | 33.3 | 23.3 | 33.3 | | | | | | 3 | .5 |
| 57 TO 61 | | | 100.0 | | | | | | | 1 | .2 |
| 52 TO 56 | | | | | | | | | | | |
| 47 TO 51 | | | | | | | | | | | |
| 42 TO 46 | | | | | | | | | | | |
| 37 TO 41 | | | | | | | | | | | |
| 32 TO 36 | | | | | | | | | | | |
| 27 TO 31 | | | | | | | | | | | |
| 22 TO 26 | | | | | | | | | | | |
| 17 TO 21 | | | | | | | | | | | |
| 12 TO 16 | | | | | | | | | | | |
| 7 TO 11 | | | | | | | | | | | |
| 2 TO 6 | | | | | | | | | | | |
| -3 TO 1 | | | | | | | | | | | |
| -8 TO -4 | | | | | | | | | | | |
| -13 TO -9 | | | | | | | | | | | |
| -18 TO -14 | | | | | | | | | | | |
| -23 TO -19 | | | | | | | | | | | |
| -28 TO -24 | | | | | | | | | | | |
| -33 TO -29 | | | | | | | | | | | |
| -38 TO -34 | | | | | | | | | | | |
| -43 TO -39 | | | | | | | | | | | |
| -48 TO -44 | | | | | | | | | | | |
| -53 TO -49 | | | | | | | | | | | |
| -58 TO -54 | | | | | | | | | | | |
| -59 & LWR | | | | | | | | | | | |
| TOTALS | 7.9 | 5.2 | 14.8 | 9.3 | 4.3 | 5.7 | 18.4 | 14.3 | 20.0 | 559 | 100.0 |

NAVWEASERVCOM

5709 FREQ. OF TEMP. VS. WIND DIR. JAN. 68

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

JAN 73 - DEC 77
YEARS

AUGUST
MONTH

ALL
HOURS (L.S.T.)

WIND DIRECTION

| TEMP. | NNW & N | NNE & NE | ENE & E | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------|----------------|---------------|
| 122+ | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | | |
| 97 TO 101 | | | | | | | | | | | |
| 92 TO 96 | | | | | | | | | | | |
| 87 TO 91 | | | | | | | | 100.0 | | 2 | .4 |
| 82 TO 86 | 13.7 | 6.6 | 6.6 | | 3.1 | 9.3 | 45.3 | 25.5 | 1.9 | 161 | 29.1 |
| 77 TO 81 | 8.5 | 7.5 | 8.5 | 9.0 | 5.0 | 4.5 | 15.6 | 17.6 | 23.6 | 199 | 36.0 |
| 72 TO 76 | 1.3 | 10.6 | 31.3 | 11.9 | 3.8 | | 1.3 | | 40.0 | 160 | 28.9 |
| 67 TO 71 | | 7.4 | 29.6 | 7.4 | | | | | 55.6 | 27 | 4.9 |
| 62 TO 66 | | 33.3 | | | | | 33.3 | 33.3 | | 3 | .5 |
| 57 TO 61 | | | | 100.0 | | | | | | 1 | .2 |
| 52 TO 56 | | | | | | | | | | | |
| 47 TO 51 | | | | | | | | | | | |
| 42 TO 46 | | | | | | | | | | | |
| 37 TO 41 | | | | | | | | | | | |
| 32 TO 36 | | | | | | | | | | | |
| 27 TO 31 | | | | | | | | | | | |
| 22 TO 26 | | | | | | | | | | | |
| 17 TO 21 | | | | | | | | | | | |
| 12 TO 16 | | | | | | | | | | | |
| 7 TO 11 | | | | | | | | | | | |
| 2 TO 6 | | | | | | | | | | | |
| -3 TO 1 | | | | | | | | | | | |
| -8 TO -4 | | | | | | | | | | | |
| -13 TO -9 | | | | | | | | | | | |
| -18 TO -14 | | | | | | | | | | | |
| -23 TO -19 | | | | | | | | | | | |
| -28 TO -24 | | | | | | | | | | | |
| -33 TO -29 | | | | | | | | | | | |
| -38 TO -34 | | | | | | | | | | | |
| -43 TO -39 | | | | | | | | | | | |
| -48 TO -44 | | | | | | | | | | | |
| -53 TO -49 | | | | | | | | | | | |
| -58 TO -54 | | | | | | | | | | | |
| -59 & LWR | | | | | | | | | | | |
| TOTALS | 7.4 | 6.5 | 13.7 | 7.2 | 3.8 | 4.3 | 19.3 | 14.3 | 23.3 | 553 | 100.0 |

NAVWEASERVCOM

5709 FREQ. AIR TEMP. WIND DIR. JAN. 68

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

JAN 73 - DEC 77
YEARS

SEPTEMBER
MONTH

ALL

WIND DIRECTION

| TEMP. | NNW & N | NNE & NE | ENE & E | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------|----------------|---------------|
| 122 + | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | | |
| 97 TO 101 | | | | | | | | | | | |
| 92 TO 96 | | | | | | | | | | | |
| 87 TO 91 | 25.0 | | | | 50.0 | 25.0 | | | | 4 | .6 |
| 82 TO 86 | 16.4 | 1.2 | | 2.4 | 6.7 | 13.3 | 40.6 | 18.2 | 1.2 | 165 | 25.7 |
| 77 TO 81 | 13.1 | 5.6 | 17.8 | 8.4 | 5.6 | 7.0 | 13.6 | 10.3 | 18.7 | 214 | 33.3 |
| 72 TO 76 | 2.0 | 7.4 | 46.1 | 10.3 | 4.4 | | 1.0 | 1.0 | 27.9 | 204 | 31.7 |
| 67 TO 71 | | 12.5 | 41.1 | 10.7 | | | | | 35.7 | 56 | 8.7 |
| 62 TO 66 | | | | | | | | | | | |
| 57 TO 61 | | | | | | | | | | | |
| 52 TO 56 | | | | | | | | | | | |
| 47 TO 51 | | | | | | | | | | | |
| 42 TO 46 | | | | | | | | | | | |
| 37 TO 41 | | | | | | | | | | | |
| 32 TO 36 | | | | | | | | | | | |
| 27 TO 31 | | | | | | | | | | | |
| 22 TO 26 | | | | | | | | | | | |
| 17 TO 21 | | | | | | | | | | | |
| 12 TO 16 | | | | | | | | | | | |
| 7 TO 11 | | | | | | | | | | | |
| 2 TO 6 | | | | | | | | | | | |
| -3 TO 1 | | | | | | | | | | | |
| -8 TO -4 | | | | | | | | | | | |
| -13 TO -9 | | | | | | | | | | | |
| -18 TO -14 | | | | | | | | | | | |
| -23 TO -19 | | | | | | | | | | | |
| -28 TO -24 | | | | | | | | | | | |
| -33 TO -29 | | | | | | | | | | | |
| -38 TO -34 | | | | | | | | | | | |
| -43 TO -39 | | | | | | | | | | | |
| -48 TO -44 | | | | | | | | | | | |
| -53 TO -49 | | | | | | | | | | | |
| -58 TO -54 | | | | | | | | | | | |
| -59 & LWR | | | | | | | | | | | |
| TOTALS | 9.3 | 9.6 | 24.1 | 7.6 | 5.3 | 5.9 | 15.2 | 8.4 | 18.5 | 643 | 100.0 |

NAVWEASERVCOM

570 REQ. AIR TEMP. VS. WIND R. JAN. 68

2

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION22501
STATIONBARKING SANDS, HAWAII
STATION NAMEJAN 73 - DEC 77
YEARSOCTOBER
MONTHALL
HOURS (L.S.T.)

WIND DIRECTION

| TEMP. | NNW & N | NNE & NE | ENE & E | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------|----------------|---------------|
| 122+ | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | | |
| 97 TO 101 | | | | | | | | | | | |
| 92 TO 96 | | | | | | | | | | | |
| 87 TO 91 | | | | | | | 100.0 | | | 1 | .2 |
| 82 TO 86 | 14.9 | 2.8 | .7 | 3.5 | 9.2 | 9.9 | 26.2 | 31.2 | 1.4 | 141 | 21.6 |
| 77 TO 81 | 9.8 | 3.8 | 12.5 | 7.1 | 8.7 | 10.9 | 22.3 | 14.7 | 10.3 | 184 | 28.2 |
| 72 TO 76 | .4 | 7.2 | 27.1 | 23.7 | 5.9 | | .6 | | 34.7 | 236 | 36.1 |
| 67 TO 71 | 1.1 | 7.9 | 36.0 | 11.2 | 1.1 | | 1.1 | | 41.6 | 89 | 13.6 |
| 62 TO 66 | | | | 50.0 | | | | | 50.0 | 2 | .3 |
| 57 TO 61 | | | | | | | | | | | |
| 52 TO 56 | | | | | | | | | | | |
| 47 TO 51 | | | | | | | | | | | |
| 42 TO 46 | | | | | | | | | | | |
| 37 TO 41 | | | | | | | | | | | |
| 32 TO 36 | | | | | | | | | | | |
| 27 TO 31 | | | | | | | | | | | |
| 22 TO 26 | | | | | | | | | | | |
| 17 TO 21 | | | | | | | | | | | |
| 12 TO 16 | | | | | | | | | | | |
| 7 TO 11 | | | | | | | | | | | |
| 2 TO 6 | | | | | | | | | | | |
| -3 TO 1 | | | | | | | | | | | |
| -8 TO -4 | | | | | | | | | | | |
| -13 TO -9 | | | | | | | | | | | |
| -18 TO -14 | | | | | | | | | | | |
| -23 TO -19 | | | | | | | | | | | |
| -28 TO -24 | | | | | | | | | | | |
| -33 TO -29 | | | | | | | | | | | |
| -38 TO -34 | | | | | | | | | | | |
| -43 TO -39 | | | | | | | | | | | |
| -48 TO -44 | | | | | | | | | | | |
| -53 TO -49 | | | | | | | | | | | |
| -58 TO -54 | | | | | | | | | | | |
| -59 & LWR | | | | | | | | | | | |
| TOTALS | 6.3 | 5.4 | 18.4 | 13.0 | 6.7 | 5.2 | 12.6 | 10.9 | 21.6 | 653 | 100.0 |

NAVWEASERVCOM

5709 FREQ. TEMP. VS. WIND DIR. JAN 68

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

JAN 73 - DEC 77
YEARS

NOVEMBER
MONTH

ALL
HOURS (L.S.T.)

WIND DIRECTION

| TEMP. | NNW & N | NNE & NE | ENE & E | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|-------|----------------|---------------|
| 122+ | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | | |
| 97 TO 101 | | | | | | | | | | | |
| 92 TO 96 | | | | | | | | | | | |
| 87 TO 91 | | | | | | | | | | | |
| 82 TO 86 | 9.5 | 9.5 | | | 23.8 | 9.5 | 38.1 | 9.5 | | 21 | 4.9 |
| 77 TO 81 | 18.7 | 7.2 | .7 | 3.6 | 16.5 | 9.4 | 23.7 | 18.7 | 1.4 | 139 | 32.3 |
| 72 TO 76 | 3.7 | 8.1 | 21.5 | 15.6 | 17.0 | 2.2 | 1.5 | .7 | 29.6 | 135 | 31.4 |
| 67 TO 71 | | 10.4 | 37.3 | 17.2 | 4.5 | | | | 30.6 | 134 | 31.2 |
| 62 TO 66 | | | | | | | | | 100.0 | 1 | .2 |
| 57 TO 61 | | | | | | | | | | | |
| 52 TO 56 | | | | | | | | | | | |
| 47 TO 51 | | | | | | | | | | | |
| 42 TO 46 | | | | | | | | | | | |
| 37 TO 41 | | | | | | | | | | | |
| 32 TO 36 | | | | | | | | | | | |
| 27 TO 31 | | | | | | | | | | | |
| 22 TO 26 | | | | | | | | | | | |
| 17 TO 21 | | | | | | | | | | | |
| 12 TO 16 | | | | | | | | | | | |
| 7 TO 11 | | | | | | | | | | | |
| 2 TO 6 | | | | | | | | | | | |
| -3 TO 1 | | | | | | | | | | | |
| -8 TO -4 | | | | | | | | | | | |
| -13 TO -9 | | | | | | | | | | | |
| -18 TO -14 | | | | | | | | | | | |
| -23 TO -19 | | | | | | | | | | | |
| -28 TO -24 | | | | | | | | | | | |
| -33 TO -29 | | | | | | | | | | | |
| -38 TO -34 | | | | | | | | | | | |
| -43 TO -39 | | | | | | | | | | | |
| -48 TO -44 | | | | | | | | | | | |
| -53 TO -49 | | | | | | | | | | | |
| -58 TO -54 | | | | | | | | | | | |
| -59 & LWP | | | | | | | | | | | |
| TOTALS | 7.7 | 8.6 | 18.6 | 11.4 | 13.3 | 4.2 | 10.0 | 6.7 | 19.5 | 430 | 100.0 |

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

JAN 73 - DEC 77
YEARS

DECEMBER
MONTH

ALL
HOURS (L.S.T.)

WIND DIRECTION

| TEMP. | NNW & N | NNE & NE | ENE & E | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|-------|----------------|---------------|
| 122+ | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | | |
| 97 TO 101 | | | | | | | | | | | |
| 92 TO 96 | | | | | | | | | | | |
| 87 TO 91 | | | | | | | | | | | |
| 82 TO 86 | 25.0 | | | 25.0 | 25.0 | | 25.0 | | | 4 | .8 |
| 77 TO 81 | 19.4 | 1.0 | 1.0 | 7.8 | 14.6 | 3.9 | 14.6 | 35.0 | 2.9 | 103 | 20.3 |
| 72 TO 76 | 26.2 | 9.8 | 5.7 | 8.2 | 14.8 | 6.6 | 5.7 | 15.6 | 7.4 | 122 | 24.0 |
| 67 TO 71 | 6.1 | 12.2 | 33.5 | 13.7 | 6.1 | .5 | 2.0 | 1.5 | 24.4 | 197 | 38.8 |
| 62 TO 66 | 1.2 | 9.9 | 42.0 | 12.3 | 3.7 | 1.2 | | | 29.6 | 81 | 15.9 |
| 57 TO 61 | | | | | | | | | 100.0 | 1 | .2 |
| 52 TO 56 | | | | | | | | | | | |
| 47 TO 51 | | | | | | | | | | | |
| 42 TO 46 | | | | | | | | | | | |
| 37 TO 41 | | | | | | | | | | | |
| 32 TO 36 | | | | | | | | | | | |
| 27 TO 31 | | | | | | | | | | | |
| 22 TO 26 | | | | | | | | | | | |
| 17 TO 21 | | | | | | | | | | | |
| 12 TO 16 | | | | | | | | | | | |
| 7 TO 11 | | | | | | | | | | | |
| 2 TO 6 | | | | | | | | | | | |
| -3 TO 1 | | | | | | | | | | | |
| -8 TO -4 | | | | | | | | | | | |
| -13 TO -9 | | | | | | | | | | | |
| -18 TO -14 | | | | | | | | | | | |
| -23 TO -19 | | | | | | | | | | | |
| -28 TO -24 | | | | | | | | | | | |
| -33 TO -29 | | | | | | | | | | | |
| -38 TO -34 | | | | | | | | | | | |
| -43 TO -39 | | | | | | | | | | | |
| -48 TO -44 | | | | | | | | | | | |
| -53 TO -49 | | | | | | | | | | | |
| -58 TO -54 | | | | | | | | | | | |
| -59 & LWR | | | | | | | | | | | |
| TOTALS | 13.0 | 8.9 | 21.3 | 11.0 | 9.6 | 2.8 | 5.3 | 11.4 | 16.7 | 508 | 100.0 |

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

22501
STATION

BARKING SANDS, HAWAII
STATION NAME

JAN 73 - DEC 77
YEARS

ALL
MONTH

ALL
HOURS (L.S.T.)

WIND DIRECTION

| TEMP. | NNW & N | NNE & NE | ENE & E | ESE & SE | SSE & S | SSW & SW | WSW & W | WNW & NW | CALM | TOTAL FREQ. | % OF TOTAL |
|------------|------------|-------------|------------|-------------|------------|-------------|------------|-------------|------|----------------|---------------|
| 122 + | | | | | | | | | | | |
| 117 TO 121 | | | | | | | | | | | |
| 112 TO 116 | | | | | | | | | | | |
| 107 TO 111 | | | | | | | | | | | |
| 102 TO 106 | | | | | | | | | | | |
| 97 TO 101 | | | | | | | | | | | |
| 92 TO 96 | | | | | | | | | | | |
| 87 TO 91 | 10.0 | | | 10.0 | 30.0 | 10.0 | 10.0 | 30.0 | | 10 | .1 |
| 82 TO 86 | 14.7 | 1.9 | .6 | 1.8 | 6.3 | 9.9 | 37.8 | 25.7 | 1.3 | 855 | 12.0 |
| 77 TO 81 | 15.3 | 4.0 | 5.4 | 5.5 | 9.1 | 8.0 | 19.9 | 21.8 | 11.0 | 2291 | 32.2 |
| 72 TO 76 | 11.3 | 8.6 | 19.3 | 13.4 | 10.6 | 3.3 | 4.4 | 4.6 | 24.5 | 1969 | 27.7 |
| 67 TO 71 | 5.9 | 9.9 | 33.1 | 16.9 | 4.8 | .4 | .6 | .7 | 27.8 | 140 | 21.1 |
| 62 TO 66 | 3.4 | 8.9 | 41.7 | 15.7 | 1.7 | .4 | .4 | .4 | 27.2 | 470 | 6.6 |
| 57 TO 61 | | 6.7 | 53.3 | 13.3 | | | | | 26.7 | 15 | .2 |
| 52 TO 56 | | | | 100.0 | | | | | | 1 | .0 |
| 47 TO 51 | | | | | | | | | | | |
| 42 TO 46 | | | | | | | | | | | |
| 37 TO 41 | | | | | | | | | | | |
| 32 TO 36 | | | | | | | | | | | |
| 27 TO 31 | | | | | | | | | | | |
| 22 TO 26 | | | | | | | | | | | |
| 17 TO 21 | | | | | | | | | | | |
| 12 TO 16 | | | | | | | | | | | |
| 7 TO 11 | | | | | | | | | | | |
| 2 TO 6 | | | | | | | | | | | |
| -3 TO 1 | | | | | | | | | | | |
| -8 TO -4 | | | | | | | | | | | |
| -13 TO -9 | | | | | | | | | | | |
| -18 TO -14 | | | | | | | | | | | |
| -23 TO -19 | | | | | | | | | | | |
| -28 TO -24 | | | | | | | | | | | |
| -33 TO -29 | | | | | | | | | | | |
| -38 TO -34 | | | | | | | | | | | |
| -43 TO -39 | | | | | | | | | | | |
| -48 TO -44 | | | | | | | | | | | |
| -53 TO -49 | | | | | | | | | | | |
| -58 TO -54 | | | | | | | | | | | |
| -59 & LWR | | | | | | | | | | | |
| TOTALS | 11.3 | 6.6 | 17.0 | 10.4 | 7.8 | 4.8 | 12.3 | 11.6 | 18.2 | 7109 | 100.0 |

NAVWEASERVCOM

NWSD, Federal Building
Asheville, N. C.

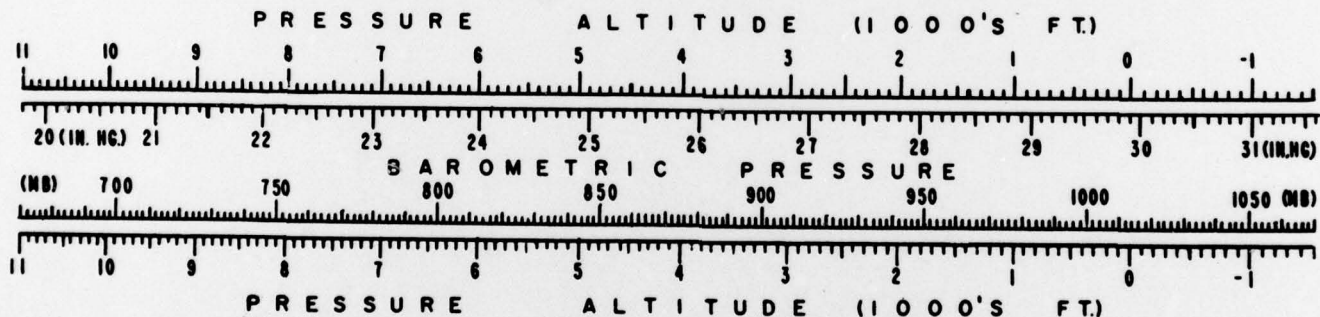
PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.
2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

22501 BARKING SANDS, HAWAII

73-76

| STATION | | STATION NAME | | | | | | | | | | | | YEARS | |
|--------------|-----------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| HRS.(L.S.T.) | | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ANNUAL | |
| 02 | MEAN | 29.851 | 30.039 | 30.051 | 30.033 | 30.036 | 30.020 | 30.011 | 29.996 | 29.983 | 29.977 | 29.963 | 30.002 | 30.008 | |
| | S. D. | .109 | .082 | .088 | .049 | .054 | .048 | .038 | .049 | .057 | .042 | .071 | .080 | .078 | |
| | TOTAL OBS | 22 | 81 | 93 | 60 | 62 | 60 | 61 | 62 | 60 | 60 | 30 | 61 | 722 | |
| 03 | MEAN | 29.833 | 30.021 | 30.030 | 30.015 | 30.021 | 30.009 | 30.002 | 29.981 | 29.966 | 29.954 | 29.937 | 29.984 | 29.991 | |
| | S. D. | .110 | .085 | .090 | .049 | .054 | .050 | .038 | .047 | .057 | .043 | .067 | .084 | .080 | |
| | TOTAL OBS | 22 | 81 | 93 | 60 | 62 | 60 | 62 | 60 | 60 | 60 | 30 | 62 | 722 | |
| 08 | MEAN | 29.928 | 30.038 | 30.066 | 30.060 | 30.050 | 30.046 | 30.038 | 30.020 | 30.004 | 30.007 | 29.975 | 30.006 | 30.020 | |
| | S. D. | .112 | .095 | .092 | .052 | .050 | .047 | .038 | .049 | .051 | .030 | .082 | .090 | .081 | |
| | TOTAL OBS | 94 | 101 | 93 | 82 | 83 | 89 | 83 | 82 | 90 | 92 | 68 | 73 | 1021 | |
| 11 | MEAN | 29.951 | 30.062 | 30.083 | 30.072 | 30.059 | 30.049 | 30.044 | 30.027 | 30.016 | 30.022 | 29.993 | 30.024 | 30.034 | |
| | S. D. | .104 | .094 | .089 | .050 | .051 | .045 | .038 | .049 | .052 | .030 | .079 | .090 | .078 | |
| | TOTAL OBS | 94 | 101 | 93 | 82 | 83 | 89 | 83 | 82 | 90 | 92 | 68 | 73 | 1021 | |
| 14 | MEAN | 29.888 | 30.000 | 30.029 | 30.025 | 30.020 | 30.020 | 30.013 | 29.989 | 29.973 | 29.952 | 29.929 | 29.958 | 29.984 | |
| | S. D. | .103 | .089 | .085 | .045 | .047 | .041 | .035 | .049 | .047 | .043 | .075 | .083 | .078 | |
| | TOTAL OBS | 94 | 101 | 93 | 82 | 83 | 89 | 83 | 82 | 90 | 92 | 68 | 71 | 1029 | |
| 17 | MEAN | 29.885 | 29.992 | 30.006 | 29.995 | 29.994 | 29.993 | 29.981 | 29.957 | 29.933 | 29.931 | 29.926 | 29.939 | 29.967 | |
| | S. D. | .101 | .074 | .084 | .044 | .045 | .040 | .035 | .048 | .044 | .043 | .055 | .079 | .071 | |
| | TOTAL OBS | 93 | 82 | 93 | 82 | 83 | 89 | 62 | 62 | 90 | 92 | 49 | 50 | 927 | |
| 20 | MEAN | 29.922 | 30.028 | 30.041 | 30.024 | 30.023 | 30.013 | 29.996 | 29.980 | 29.981 | 29.988 | 29.957 | 29.998 | 29.995 | |
| | S. D. | .100 | .074 | .088 | .046 | .051 | .040 | .038 | .049 | .050 | .047 | .059 | .081 | .073 | |
| | TOTAL OBS | 93 | 81 | 93 | 60 | 62 | 88 | 62 | 62 | 90 | 92 | 59 | 62 | 904 | |
| 23 | MEAN | 29.941 | 30.052 | 30.069 | 30.032 | 30.035 | 30.044 | 30.027 | 30.007 | 30.010 | 30.009 | 29.975 | 30.013 | 30.021 | |
| | S. D. | .102 | .073 | .089 | .048 | .053 | .041 | .036 | .049 | .050 | .048 | .061 | .084 | .075 | |
| | TOTAL OBS | 93 | 81 | 93 | 60 | 62 | 88 | 61 | 62 | 90 | 92 | 58 | 62 | 902 | |
| ALL HOURS | MEAN | 29.911 | 30.029 | 30.047 | 30.035 | 30.032 | 30.025 | 30.016 | 29.997 | 29.987 | 29.986 | 29.959 | 29.994 | 30.003 | |
| | S. D. | .109 | .087 | .091 | .054 | .054 | .048 | .042 | .052 | .053 | .052 | .074 | .087 | .080 | |
| | TOTAL OBS | 625 | 709 | 744 | 568 | 580 | 652 | 557 | 557 | 660 | 672 | 430 | 514 | 7268 | |

NAVWEASERVCOM

5707 MEANS AND STANDARD DEVIATIONS JAN 68

PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

22501 BARKING SANDS, HAWAII

73-76

| STATION | | STATION NAME | | | | | | | | | | | | YEARS | |
|--------------|-----------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| HRS.(L.S.T.) | | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ANNUAL | |
| 02 | MEAN | | | | | | | | | | | | | | |
| | S. D. | | | | | | | | | | | | | | |
| | TOTAL OBS | | | | | | | | | | | | | | |
| 05 | MEAN | | | | | | | | | | | | | | |
| | S. D. | | | | | | | | | | | | | | |
| | TOTAL OBS | | | | | | | | | | | | | | |
| 08 | MEAN | 1014.3 | 1018.2 | 1018.9 | 1018.7 | 1018.5 | 1018.3 | 1018.1 | 1017.3 | 1016.8 | 1016.7 | 1015.8 | 1017.4 | 1017.4 | |
| | S. D. | 3.716 | 3.188 | 3.117 | 1.768 | 1.506 | 1.634 | 1.081 | 1.592 | 1.666 | 1.690 | 2.737 | 2.595 | 2.669 | |
| | TOTAL OBS | 65 | 76 | 64 | 65 | 65 | 62 | 64 | 66 | 60 | 63 | 58 | 60 | 768 | |
| 11 | MEAN | 1015.2 | 1019.0 | 1019.4 | 1019.2 | 1018.7 | 1018.4 | 1018.3 | 1017.6 | 1017.2 | 1017.2 | 1016.3 | 1018.0 | 1017.9 | |
| | S. D. | 3.408 | 3.156 | 2.997 | 1.682 | 1.551 | 1.564 | 1.016 | 1.657 | 1.699 | 1.741 | 2.732 | 2.565 | 2.562 | |
| | TOTAL OBS | 64 | 76 | 64 | 65 | 65 | 62 | 64 | 66 | 60 | 63 | 58 | 60 | 767 | |
| 14 | MEAN | 1013.0 | 1016.7 | 1017.5 | 1017.5 | 1017.4 | 1017.4 | 1017.2 | 1016.3 | 1015.6 | 1015.2 | 1014.1 | 1015.6 | 1016.1 | |
| | S. D. | 3.304 | 2.983 | 2.899 | 1.500 | 1.431 | 1.424 | .986 | 1.556 | 1.457 | 1.503 | 2.543 | 2.450 | 2.555 | |
| | TOTAL OBS | 64 | 76 | 64 | 65 | 65 | 62 | 64 | 66 | 60 | 63 | 58 | 58 | 765 | |
| 17 | MEAN | 1012.5 | 1016.7 | 1016.7 | 1016.4 | 1016.4 | 1016.3 | 1016.0 | 1015.0 | 1014.4 | 1014.4 | 1014.0 | 1015.8 | 1015.6 | |
| | S. D. | 3.613 | 2.261 | 2.874 | 1.470 | 1.371 | 1.346 | .924 | 1.491 | 1.447 | 1.276 | 1.715 | 1.629 | 2.287 | |
| | TOTAL OBS | 44 | 56 | 64 | 65 | 64 | 61 | 43 | 45 | 38 | 42 | 39 | 36 | 597 | |
| 20 | MEAN | | | | | | | | | | | | | | |
| | S. D. | | | | | | | | | | | | | | |
| | TOTAL OBS | | | | | | | | | | | | | | |
| 23 | MEAN | | | | | | | | | | | | | | |
| | S. D. | | | | | | | | | | | | | | |
| | TOTAL OBS | | | | | | | | | | | | | | |
| ALL HOURS | MEAN | 1013.9 | 1017.7 | 1018.1 | 1017.9 | 1017.7 | 1017.6 | 1017.6 | 1016.7 | 1016.2 | 1016.0 | 1015.1 | 1016.8 | 1016.8 | |
| | S. D. | 3.640 | 3.106 | 3.155 | 1.931 | 1.733 | 1.719 | 1.315 | 1.828 | 1.874 | 1.923 | 2.715 | 2.600 | 2.700 | |
| | TOTAL OBS | 237 | 284 | 256 | 260 | 259 | 247 | 235 | 253 | 218 | 331 | 213 | 214 | 2897 | |

NAVWEASERVCOM

5707 MEANS AND STANDARD DEVIATIONS JAN 68

PRINTED BY THE STANDARD REGISTER COMPANY, U. S. A.

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

| REPORT DOCUMENTATION PAGE | | READ INSTRUCTIONS BEFORE COMPLETING FORM |
|--|-----------------------|--|
| 1. REPORT NUMBER | 2. GOVT ACCESSION NO. | 3. RECIPIENT'S CATALOG NUMBER |
| 4. TITLE (and Subtitle) Summary of Meteorological Observations, Surface (SMOS) Barking Sands, Hawaii | | 5. TYPE OF REPORT & PERIOD COVERED Reference report 1968-1976 |
| | | 6. PERFORMING ORG. REPORT NUMBER |
| 7. AUTHOR(s) N/A | | 8. CONTRACT OR GRANT NUMBER(s) |
| 9. PERFORMING ORGANIZATION NAME AND ADDRESS Naval Weather Service Detachment Federal Building Asheville, N. C. 28001 | | 10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS |
| 11. CONTROLLING OFFICE NAME AND ADDRESS Director, Naval Oceanography and Meteorology National Space Technology Laboratories NSTL Station, MS 39529 | | 12. REPORT DATE July 1978 |
| | | 13. NUMBER OF PAGES 358 |
| 14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office) | | 15. SECURITY CLASS. (of this report) Unclassified |
| | | 15a. DECLASSIFICATION/DOWNGRADING SCHEDULE |
| 16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited. | | |
| 17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report) | | |
| 18. SUPPLEMENTARY NOTES | | |
| 19. KEY WORDS (Continue on reverse side if necessary and identify by block number) Climatology, surface wind, temperature, precipitation, ceiling, visibility, relative humidity, station pressure, extreme temperatures, sea level pressure, daily temperature, weather conditions, monthly climatology, Naval shore facility, coastal region, snow depth, cloud cover, Barking Sands, HI. | | |
| 20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This data report consists of a six part statistical summary of surface weather observations. The six parts are: Part A - Weather Conditions/ Atmospheric Phenomena, Part B - Precipitation/Snowfall/Snow Depth, Part C - Surface Winds, Part D - Ceiling versus Visibility/ Sky Cover, Part E - Psychrometric Summaries, Part F - Station Pressure/Sea Level Pressure | | |

DD FORM 1 JAN 73 1473

EDITION OF 1 NOV 65 IS OBSOLETE
S/N 0102-LF-014-6601

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)